

C. 4422(3) BEDFORD

LIBRARY



BEDFORD
RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE

MEDICAL OFFICER
OF HEALTH

AND OF THE

SANITARY INSPECTOR
AND SURVEYOR

FOR THE YEAR 1945

BEDFORD RURAL DISTRICT COUNCIL

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour of placing before you my Annual Report on the Public Health and Sanitary conditions prevailing in your district for the year 1945.

This Report is drawn up in accordance with the Ministry of Health's circular 28/46, dated February 11th, 1946.

SECTION A.

STATISTICS OF THE AREA.

Area in acres	...	...	...	...	...	...	...	112,590
Population—								
Census for 1931	...	...	...	...	...	...	...	22,204
Estimated for mid-year of 1945					...	...	...	25,020
Number of inhabited houses for 1945					...	...	...	7,910
Rateable value	...	...	...	...	...	...	...	£35,442
Sum represented by a Penny Rate	...	...	...	...	...	...	...	£550

SOCIAL CONDITIONS OF THE AREA.

The chief occupations of the inhabitants are those of Agriculture and Market Gardening. A few leather dressing factories have been established for some years at Harrold and Odell.

Along the River Ouse there are some mills which are used for grinding corn and making flour.

At Wymington and Podington many of the inhabitants earn their living by working in the boot factories at Rushden.

The health of the District is good and there is no trade carried on which is prejudicial to public health.

At Stewartby, Marston, Ridgmont and at Kempston Hardwick, there are large brickmaking companies which absorb a number of men from the southern portion of your district.

UNEMPLOYMENT.

I have come across no instance where unemployment has had any adverse influence on the health or physique of the children or adults.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

		<i>Total</i>	<i>M.</i>	<i>F.</i>	
Live Births	{ Legitimate ...	409	199	210	
	{ Illegitimate ...	47	34	13	
Total		456	233	223	
Still Births	{ Legitimate ...	7	7	—	Birth Rate 15·1 per 1,000 births (live and still)
	{ Illegitimate ...	—	—	—	
Total		7	7	—	

Deaths 291 144 147
giving a Death Rate of 11·6 per 1,000 of the resident population.
Birth Rate for England and Wales is 16·1
Death Rate for England and Wales is 11·4

DEATHS FROM PUERPERAL CAUSES.

(Headings 29 and 30 of the Registrar-General's Short List.)

			<i>Deaths</i>	<i>Death Rate</i> (<i>per 1,000</i> <i>live and still</i> <i>births</i>)
No. 29	Puerperal and Post-abortion Sepsis	0	0·0	
No. 30	Other Puerperal Causes ...	1	2·1	

MATERNAL MORTALITY FOR ENGLAND AND WALES.

Abortion with Sepsis ...	0·25	per 1,000 (Live and Still) Births.					
Abortion without Sepsis ...	0·08	„	„	„	„	„	„
Puerperal Infections ...	0·24	„	„	„	„	„	„
Others	1·22	„	„	„	„	„	„

INFANTILE MORTALITY.

			<i>M.</i>	<i>F.</i>
Deaths of Infants under one year of age:—	Legitimate	13	9	4
	Illegitimate	4	4	0
Total		17	13	4

DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE.

All Infants per 1,000 live births	37·2
Legitimate Infants per 1,000 legitimate live births	31·7
Illegitimate Infants per 1,000 illegitimate live births	85·1
Deaths from Cancer (all ages)	52
„ „ Measles (all ages)	0
„ „ Whooping Cough (all ages)	0
„ „ Diarrhœa (under two years of age)	0

CAUSES OF DEATH.							<i>M.</i>	<i>F.</i>
1	Typhoid and Paratyphoid Fevers						0	0
2	Cerebro-spinal Fever						0	0
3	Scarlet Fever						0	0
4	Whooping Cough						0	0
5	Diphtheria						0	1
6	Tuberculosis of Respiratory System						4	1
7	Other forms of Tuberculosis						1	0
8	Syphilitic Diseases						0	0
9	Influenza						0	1
10	Measles						0	0
11	Acute Polio-myelitis and polio-encephalitis						0	0
12	Acute infective encephalitis						1	0
13	Cancer of buc.: cavity and œsophagus (M.) Uterus (F.)						2	3
14	Cancer of stomach and duodenum						3	6
15	Cancer of breast						0	4
16	Cancer of all other sites						18	16
17	Diabetes						2	0
18	Intra-cranial vascular lesions						14	25
19	Heart disease						29	33
20	Other diseases of circulatory system						6	15
21	Bronchitis						8	5
22	Pneumonia						5	6
23	Other respiratory diseases						3	0
24	Ulceration of stomach and duodenum						4	1
25	Diarrhœa (under two years)						0	0
26	Appendicitis						0	0
27	Other digestive diseases						3	2
28	Nephritis						2	3
29	Puerperal and post-abortion sepsis						0	0
30	Other maternal causes						0	1
31	Premature birth						5	1
32	Congenital malformations, Birth injuries and in- fantile diseases						5	1
33	Suicide						3	2
34	Road Traffic Accidents						3	0
35	Other violent causes						6	2
36	All other causes						17	18
ALL CAUSES							144	147

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES
FOR THE AREA.

(i) PUBLIC HEALTH OFFICERS TO THE LOCAL AUTHORITY.

Dr. W. K. Parbury, M.R.C.S. Eng., L.R.C.P. Ldn., D.P.H. Camb., D.M.R.E. Camb., Medical Officer of Health (part time to your Authority but whole time to the work of M.O.H.)

Mr. F. Lindley, M.R.San.I., A.M.I.S.E., M.S.I.A., Sanitary Inspector and Surveyor (whole time). Cert. Meat Inspection.

Mr. D. T. Matthews, Cert. S.I.B., A.R.San.I., M.S.I.A., Additional Sanitary Inspector and Assistant Building Surveyor (whole time).

(Mr. Lindley resigned on October 31st. Mr. Matthews was appointed in his place and assumed office on November 1st).

Mr. R. J. Crewdson was appointed additional Sanitary Inspector and Assistant Surveyor on November 24th, 1945.

Mr. R. J. Minns, Water Inspector (whole time).

Mr. C. G. Carlton, General Assistant to Sanitary Inspector (whole time).

(ii) LABORATORY FACILITIES.

(a) Examinations of pathological and bacteriological specimens have been made by the pathological and bacteriological department of the Bedford County Hospital.

The following were the cases examined:—

For Diptheria	12
---------------	-----	-----	-----	-----	-----	-----	----

AMBULANCE FACILITIES.

(b) *For Infectious Diseases.* A motor Ambulance is kept at the Oakley Isolation Hospital.

For Non-Infectious Diseases. A Public Ambulance is kept at the Bedford Fire Station, and is available for your District. Telephone: 2222.

Judging from the experience of previous years, the present arrangement appears to be quite adequate for the needs of the district. In the event of an extra ambulance being required in an emergency, there is an understanding with the neighbouring authorities that their ambulances would be available.

NURSING IN THE HOME.

(c) The Bedfordshire County Nursing Association supplies 14 nurses to 33 villages in your district. These nurses attend to midwifery and maternity cases principally, but also to minor medical and surgical ailments. They are not allowed to attend to any disease of an infectious nature.

The nurses are supervised by Local Associations.

The salaries for these nurses are raised by voluntary contributions, by small fees which are charged to non-members requiring their services and by a grant from the Bedford County Council.

The following are the villages supplied:—

Sharnbrook, Souldrop and Knotting	...	Nurse Martin, S.R.N.
Felmersham, Pavenham and Radwell	...	Nurse Bamford
Podington, Wymington and Hinwick	...	Nurse Paradise, S.R.N.
Stevington and Bromham	... ..	Nurse Bambury, S.R.N.
Oakley and Clapham	... ..	Nurse Wilson
Milton Ernest, Bletsoe and Thurleigh	...	Nurse Maskey
Melchbourne, Yelden, Dean, Swineshead, Shelton and Riseley	... ..	Nurse Baines
Wootton	... ..	Nurse Dix
Kempston Rural	... ..	Nurses Minards and Clark
Harrold, Carlton and Odell	... ..	Nurse Owen, S.R.N.
Eaton Socon	... ..	Nurse Moore, S.R.N.
Keysoe, Bolnhurst, Little Staughton and Pertenhall		Nurse Wyndham, S.R.N.

Infectious Diseases. There is no provision made for the treatment of infectious diseases in the patient's own home. An Isolation Hospital for the treatment of these diseases is provided free of charge.

MIDWIVES.

The employment and registration of Midwives is undertaken by the County Council.

The number of Midwives practising in your area is 21, inclusive of 7 employed by the Bedfordshire County Nursing Association.

CLINIC AND TREATMENT CENTRES.

(d) These are provided by the County Council.

The Infant Welfare Clinics are held at the Kempston First Aid Post on Thursday at 2.30 p.m. and Friday at 10 a.m.; at the British Legion Hall, Clapham, every Monday at 10 a.m.; at the Institute, Eaton Socon, every Wednesday at 2.30 p.m.; at the Chapel, Harrold, every other Tuesday at 2.30 p.m.; at the Church Hall, Sharnbrook, every other Thursday at 2.30 p.m.; at the Club, Stewartby, every Monday at 2.30 p.m.

The Venereal Disease Clinic is held at the Bedford County Hospital, Ampthill Road entrance. The times which the Medical Officer attends, are Wednesday, 5—7 p.m. and Fridays, 3—5 p.m.

The Tuberculosis Clinic is held every Wednesday at 2 p.m. at the Dispensary, Dent Road, Ivy Road, Bedford.

(e)

HOSPITALS.

<i>Hospital.</i>	<i>Situation.</i>	<i>Purpose.</i>	<i>No. of Beds.</i>	<i>Management.</i>
Oakley Isolation	... Clapham	... Infectious Diseases	64	... Joint Hospital Board.
Tuberculosis Sanatorium	Mogerhanger	Tuberculosis	84	... C.C.
St. Peter's	... Bedford	... General Medical & Surgical, Maternity and Children	104	... C.C.
Beds. County Hospital	Bedford	... General Medical & Surgical, Maternity and Children	134	... Voluntary
Children's Home	... Kempston	... Children	45	... C.C.

LEGISLATION IN FORCE.

ADOPTIVE ACTS.

Slaughter of Animals Act, 1933, Section I.

BYE-LAWS AND REGULATIONS.

New Streets and Buildings.

Dairies, Cowsheds, Milkshops, etc.

Slaughter Houses.

SECTION C.

SANITARY CONDITIONS OF THE AREA.

WATER.

Rainfall at Great Barford.

Altitude:—126 feet above sea level.

Latitude:—52° 9' N. Longitude:—0° 20' W.

1945		<i>Total</i>	<i>Greatest Rainfall</i>		<i>No. of days</i>	<i>No. of days</i>
<i>Month</i>		<i>ins.</i>	<i>in 24 hours</i>	<i>Date</i>	<i>with .01"</i>	<i>with .04"</i>
			<i>Inches</i>		<i>or more</i>	<i>or more</i>
January ...	...	1.43	.28	30th	16	8
February ...	...	1.21	.37	11th	12	9
March ...	...	.54	.18	19th	8	5
April ...	...	.39	.09	27th	9	5
May ...	...	2.15	.52	5th	12	10
June ...	...	1.75	.29	2nd	16	11
July ...	...	1.35	.76	14th	7	7
August ...	...	1.65	.52	5th	11	10
September ...	...	2.12	.66	4th	17	13
October ...	...	2.77	.86	22nd	9	9
November ...	...	.39	.26	22nd	7	2
December ...	...	2.28	.80	27th	20	11
		<u>18.03</u>	<u>.86</u>		<u>144</u>	<u>100</u>

Rainfall at Wellingborough—at Swanspool Gardens.

Altitude:—168½ feet.

Diameter of gauge, 5 ins. Height of gauge above ground, 12 ins.

Latitude:—52° 17' 54" N. Longitude:—0° 41' 23" W.

<i>Month</i>				<i>Total ins.</i>	<i>No. of days with ·01" or more</i>		<i>No. of days with ·04" or more</i>	
January	...	...	...	2·06	...	21	...	12
February	...	...	...	1·55	...	14	...	9
March	...	...	...	·63	...	9	...	5
April	...	...	...	·91	...	10	...	6
May	...	...	...	2·03	...	12	...	9
June	...	...	...	1·70	...	18	...	15
July	...	...	...	1·60	...	10	...	7
August	...	...	...	1·95	...	13	...	10
September	...	...	...	2·65	...	14	...	10
October	...	...	...	3·45	...	12	...	10
November	...	...	...	·41	...	9	...	4
December	...	...	...	2·67	...	19	...	14
				<hr/>	<hr/>		<hr/>	
				21·61		161		111
				<hr/>		<hr/>		<hr/>

Rainfall at Wellingborough—at Bushfield Waterworks.

Altitude:—286 feet.

Gauge 8in. diameter. Height of gauge above ground, 11 ins.

Latitude:—52° 9' N. Longitude 0° 43' W.

<i>Month</i>				<i>Total ins.</i>	<i>No. of days with ·01" or more.</i>		<i>No of days with ·04" or more</i>	
January	...	...	...	2·01	...	20	...	12
February	...	...	...	1·54	...	14	...	9
March	...	...	...	·63	...	6	...	5
April	...	...	...	1·01	...	12	...	7
May	...	...	...	1·86	...	12	...	9
June	...	...	...	1·87	...	18	...	15
July	...	...	...	1·69	...	10	...	7
August	...	...	...	2·40	...	14	...	10
September	...	...	...	2·33	...	14	...	12
October	...	...	...	3·51	...	12	...	10
November	...	...	...	·41	...	12	...	5
December	...	...	...	2·73	...	22	...	12
				<hr/>	<hr/>		<hr/>	
				21·99	...	166	...	113
				<hr/>		<hr/>		<hr/>

Rainfall for previous ten years:—

<i>Year</i>			<i>Great Barford</i>		<i>Wellingborough Swanspool Gardens</i>		<i>England and Wales</i>
1936	...	...	27.08	...	30.68	...	38.5
1937	...	...	29.93	...	30.41	...	39.1
1938	...	...	19.70	...	23.60	...	35.6
1939	...	...	25.51	...	30.51	...	40.3
1940	...	...	21.35	...	24.32	...	35.6
1941	...	...	22.11	...	27.63	...	33.8
1942	...	...	18.69	...	22.04	...	35.9
1943	...	...	16.07	...	17.23	...	33.4
1944	...	...	19.43	...	22.24	...	35.3
1945	...	...	18.03	...	21.61	...	33.27

I wish to express my thanks to Mr. Arnold Whitchurch of Great Barford, and to Mr. R. Kilby of Wellingborough for supplying me with the information about the rainfalls of these districts.

The whole of the district is now supplied with good and wholesome water from public sources with the exception of some outlying farms.

I append the reports of the analysis of the three main supplies to your District, namely Bedford, Biggleswade and Birchmoor.

REPORT FROM DR. BOWES, M.O.H., BEDFORD BOROUGH.

Sample indicates water of high degree of bacterial purity suitable for drinking water.

ANALYST'S REPORT OF THE BIGGLESWADE WATER.

This sample is practically clear and bright in appearance, neutral in reaction and free from metals apart from a negligible trace of iron. The water is hard in character but not to an excessive degree, contains no excess of salinity or mineral constituents in solution and is of the highest standard of organic and bacterial purity.

These results are consistent with a pure and wholesome water suitable for public supply purposes.

(Signed) GORDON MILES, B.Sc., F.R.I.C.

ANALYST'S REPORT OF THE BIRCH MOOR WATER.

This sample is practically clear and bright in appearance and free from metals apart from a minute trace of iron. The water is faintly acid in reaction, has a low content of alkalinity and a corrosive tendency towards metals would be anticipated. It is soft in character, contains no excess of salinity or mineral constituents in solution and is of the highest standard of organic and bacterial purity.

Apart from the corrosive characteristics these results are consistent with a pure and wholesome water suitable for the purposes of a public supply.

(Signed) GORDON MILES, B.Sc., F.R.I.C.

SANITARY INSPECTOR'S ANNUAL REPORT.

(Mr. F. Lindley and Mr. D. T. Matthews).

SECTION C.—SANITARY CIRCUMSTANCES OF THE AREA.

SHEET No. 1.

1. (i) WATER SUPPLY REPORT.

Every Parish within the District is served by a main water scheme comprising two pumping stations, two water towers and 190 miles of water main. This Council is not responsible for any source of supply and water is purchased in bulk from neighbouring Water Undertakings, viz., Bedford Corporation, Biggleswade Water Board, Ampthill R.D.C., St. Neots U.D.C., Rushden and Higham Ferrers Water Board and Kempston U.D.C.

The supplies of water throughout the area have been satisfactory both in quantity and quality during the year.

Bacteriological examinations of the various supplies are made by the supplying Authorities and details of these will appear in their Annual Reports. Analyses were also obtained by this Council and the following is the Report on a sample taken from a roadside fountain at Sharnbrook (Bedford Corporation Supply):—

CHEMICAL RESULTS IN PARTS PER 100,000.

Appearance—Bright—slight deposit of mineral debris very few particles of iron oxide.

Turbidity—Less than 5 parts per million; Silica scale.

Colour	Normal					
Reaction pH	Neutral	...	...	...	...	7.5
Electric Conductivity at 20°		...	...	...	...	700
Chlorine in Chlorides		...	...	...	...	2.6
Hardness: Total	...	...	...	...	...	38.5
Nitrogen in Nitrates	...	...	...	...	...	0.48
Free Ammonia	...	...	...	...	...	0.0032
Albuminoid Ammonia	...	...	...	...	...	0.0076
Oxygen Absorbed in 4 hrs. at 27°C.	...	...	...	...	...	0.150
Metals—Iron	...	...	...	...	...	0.010
Free chlorine reaction	...	...	...	...	...	absent
Odour	...	...	...	...	...	Nil
Free Carbonic Acid	...	...	...	...	...	1.0
Total Solids, dried at 180°C.	...	...	...	...	...	47.0
Alkalinity as Calcium Carbonate	...	...	...	...	...	23.0
Temporary	...	...	...	...	...	21.0
Permanent	...	...	...	...	...	17.5
Nitrogen in Nitrates	...	...	...	...	...	absent
Ammoniacal Nitrogen	...	...	...	...	...	absent
Albuminoid Nitrogen	...	...	...	...	...	absent
Other metals	...	...	...	...	...	absent

BACTERIOLOGICAL RESULTS.

	1 day at 37°C.	2 days at 37°C.	3 days at 20°C.
Number of "Bacteria" growing on Agar per cc. or ml. in ...	8	55	160
Presumptive Coliform Reaction Present	—	Absent	... 100 cc.
Bact. coli Present	—	Absent	... 100 cc.
Cl welchii Reaction Present	100 cc.	Absent	... 10 cc.

This sample is reasonably clear and bright in appearance and apart from a trace of iron, contains no metals. The water is very hard in character but not to an abnormal degree and contains no excess of salinity or mineral constituents.

The water is of satisfactory organic and bacterial purity and is considered wholesome and suitable for the purposes of a public supply.

(Signed) CHARLES W. MARTIN, F.R.I.C.

(Signed) GORDON MILES, B.Sc., F.R.I.C.

The water supplied to the Parish of Wootton is liable to have a plumbo-solvent action and the use of lead service pipes and fittings are prohibited under the Council's Water Byelaws in this Parish. No analyses were made of this water during the year by this Authority but a note on a sample taken by the Supplying Authority is made on page 9.

Only one case of contaminated water supply occurred during the year and upon investigation it was found that the contamination resulted from dirty storage tanks within the premises concerned. The main supply was pure and wholesome.

Details of the main water supplies are as follows:—

<i>PARISH</i>	<i>Population estimated for 1945</i>	<i>Length of Miles</i>	<i>Mains Yards</i>	<i>Premises supplied</i>	<i>No. of Services</i>	<i>No. of Standposts</i>
Great Barford	772	2	939	84	73	23
Little Barford	66	1	549	5	5	2
Biddenham	514	1	1634	143	140	—
Bletsoe	230	4	462	15	15	7
Bolnhurst and Keysoe...	599	8	1364	83	80	39
Bromham	1135	5	984	245	189	—
Cardington	356	1	1040	96	64	—
Carlton and Chellington	528	5	351	46	45	12
Clapham	1380	3	174	488	229	14
Colmworth	285	2	1500	52	46	10
Cople	526	1	1577	93	69	9
Dean and Shelton	306	3	1432	38	37	16
Eastcotts	850	3	174	35	29	11
Eaton Socon	2645	14	1462	332	237	52
Elstow	423	2	1573	126	73	—
Felmersham	360	2	1663	22	22	14
Harrold	798	1	904	63	55	21
Kempston Rural	889	11	323	215	180	21
Knotting and Souldrop..	285	4	40	29	25	9
Melchbourne and Yielden	265	5	676	33	30	12
Milton Ernest	375	4	1338	31	30	8
Oakley	469	4	1126	101	87	20
Odell	247	3	425	23	22	9
Pavenham	337	2	1114	50	50	11
Pertenhall	192	2	295	21	21	6
Podington	434	4	82	66	60	7
Ravensden	430	5	128	65	62	14
Renhold	541	9	58	235	222	1
Riseley	490	3	1003	54	48	17
Roxton	584	5	898	66	47	20
Sharnbrook	743	6	432	118	112	21
Stagsden	403	2	1482	53	49	15
Staughton, Little	228	3	129	33	32	12
Stevington	427	2	286	49	47	12
Stewartby	1248	1	494	20	14	—
Swineshead	93	1	728	22	21	6
Thurleigh	415	9	1035	48	46	22
Turvey	656	2	1563	36	33	18
Wilden	344	7	255	47	46	15
Willington	435	3	332	42	41	13
Wilshamstead	853	6	6	150	138	20
Wootton	1196	5	1041	176	164	41
Wymington	590	1	592	89	46	2
(Sandy and Tempsford Biggleswade R.D.C.)	—	3	876	—	—	—
	24892	189	1099	3838	3081	582

1. (ii) DRAINAGE AND SEWERAGE REPORT.

In the Rural District 4,378 yards of open sewers were thoroughly cleansed and repaired in various Parishes.

2. RIVERS AND STREAMS.

During the year, complaints were notified of the pollution of a watercourse in one Parish.

In my opinion the pollution was due to the abnormal dry weather and overloading of a sewage works serving a military establishment and representations were made to the appropriate Department.

3. (i) CLOSET ACCOMMODATION.

A water carriage system is in operation in the Parishes of Clapham, Wymington and Stewartby, and in parts of the Parishes of Eaton Socon, Eastcotts, Stevington and Sharnbrook. The rest of the district has Water Closets (to cesspools) and Earth Closets.

3. (ii) PUBLIC CLEANSING.

During the year the following materials have been salvaged by your Contractors and by voluntary organisations.

				<i>Voluntary</i>		<i>Totals</i>		
				<i>Contractors</i>	<i>Organizations</i>			
				<i>tons</i>	<i>cwts.</i>	<i>tons</i>	<i>cwts.</i>	<i>qrs.</i>
Paper ...	...	...	23	4	7	17 $\frac{1}{4}$	31	1 28
Black Scrap ...	...	...	3	17	—	—	3	17 0
Textiles ...	...	...	2	2	1	6 $\frac{1}{4}$	3	8 28
Bones ...	...	...	1	8	1	2 $\frac{1}{4}$	2	10 28
Rubber ...	...	...		15		1		16 0
Bottles and Jars	...	...			10 doz.			10 doz.

3. (iii) SANITARY INSPECTION OF THE AREA.

REPORT OF NUISANCES.

1.	Defective and/or Blocked Drainage	...	...	...	...	43
2.	Defective Sinks and Wastes	...	...	...	...	36
3.	Dangerous Buildings	...	...	...	...	5
4.	Movable Dwellings Nuisances	...	...	...	...	2
5.	Cesspool Nuisances	...	...	...	...	20
6.	Sewage Works Nuisances	...	...	...	...	3
7.	Defective and Insanitary E.C.'s	...	...	...	...	85
8.	Defective W.C.'s	...	...	...	...	17
9.	Insanitary Premises	...	...	...	...	5
10.	Lack of or Defective Refuse Accommodation	...	...	...	...	16
11.	Offensive Accumulations	...	...	...	...	6
12.	Insanitary Ditches	...	...	...	...	24
13.	Defective Water Services	...	...	...	...	43
14.	Houses to re-decorate	...	...	...	...	5
15.	Blocked and/or Defective Sewers	...	...	...	...	4
16.	Animals kept so as to be a nuisance...	...	...	...	...	5

17.	Houses not reasonably fit under Public Health and Housing	
	Acts	947
	Defective Walls	144
	Defective Roofs	149
	Defective Chimneys	107
	Defective Eaves Gutters	117
	Defective Rainwater Pipes	47
	Defective Rainwater Butts and/or Tanks	77
	Defective Solid Floors	111
	Defective Wooden Floors	101
	Defective Wall Plaster	149
	Defective Ceiling Plaster	104
	Defective Windows	157
	Insufficient Lighting and Ventilation to rooms	160
	Insufficient Height to rooms	172
	Defective Doors	120
	Defective Cooking Grates	250
	Defective other Grates	37
	Defective Food Stores	57
	No proper Food Stores	74
	Defective Staircases	35
	Defective Handrails	5
	No Handrails	99
	Defective Coppers	122
	No Washing accommodation	62
	Defective Paths and Gates	60
	Defective or no paving to Yards	43
	Defective Outbuildings	138
	Defective Earth and Chemical Closets	137
	Defective Water Closets	1
	No Drains	68
	Defective Drains	16
	Defective Sinks	2
	Defective Paintwork and Decorations	58
	Houses affected by dampness	162
18.	Houses unfit for Human Habitation	64
19.	Houses inspected and recorded	1174
20.	Cases of Infectious Disease	41
21.	Rooms Disinfected	46
22.	Schools Disinfected	1
23.	Infested Houses	3
24.	Rooms Disinfested	11
25.	Cowshed Nuisances	4
26.	Bakehouse Nuisances	2
27.	Slaughterhouse Nuisances	—

SUMMARY OF MATTERS DEALT WITH.

	<i>Inspections</i>	<i>Defects or Nuisances found</i>
Houses, Inspection of, Public Health and		
Housing Acts	2289	3141
Public Health Act Inspections	452	304
Factories, etc.	4	2
Cowsheds and Dairies	16	6
Slaughterhouses and Retail Shops	27	—
Inspections in connection with Water Scheme	484	43
Inspections in connection with the		
Infestation Order, 1944	34	11
	<hr/> 3306	<hr/> 3507
	<hr/>	<hr/>
Number of Notices served, Preliminary ... ..	...	78
,, ,, ,, ,, Statutory ... ..	...	19
Proceedings taken ... ..	...	0

DISINFECTION.

After all cases of notifiable infectious disease the rooms occupied by the patient are sealed off and disinfected with a dilute spray of formalin or by formaldehyde gas. 48 rooms were so treated in 1945. An inspection of the house and sanitary arrangements is made in each case and where necessary informal notices are served requiring any defects found to be remedied. The amount of bedding, clothing and other articles likely to retain infection, removed to the Isolation Hospital for steam disinfection, was:—

Camp Beds	20	Eiderdowns	27
Towels	8	Pillows	17
Mattresses	82	Pillow Cases... ..	15
Sheets	20	Blankets	379
		Miscellaneous	74

PETROL AND CARBIDE LICENCES.

Number of Licences to store petrol and carbide granted during	
the year	71

3. (iv) SHOPS AND OFFICES.

During the year 12 inspections were made under the Shops Act, 1934, and in every case the provisions of the Act were complied with. With regard to Circular 1600, dealing with offices, no action has been found to be necessary.

3. (v) CAMPING SITES.

1. Number of sites used for camping purposes	...	...	5
2. Number of sites licensed by Local Authority	...	...	5
3. Estimated maximum number of campers resident during the summer season	...	...	28

3. (vi) SMOKE ABATEMENT.

No action was found necessary during the year.

3. (vii) SWIMMING BATHS AND POOLS.

(a) There are no public baths in the area.

(b) In Stewartby there is a privately owned swimming bath.

The River Ouse runs through the district and bathing takes place along the banks in many Parishes.

3. (viii) ERADICATION OF BED BUGS.

1. No. of Council Houses infested	...	...	...	1
No. of other houses infested	...	...	...	4
No. of houses disinfested	...	...	...	5

2. Methods employed:

Skirting, picture rails, etc., loosened and sprayed with Zaldecide or rooms sealed and fumigated with Thermatox Fumigators. The above operations are repeated after several days.

3. Careful inspection of belongings of prospective tenants is made prior to occupation of new house.

4. Disinfestation carried out by Local Authority free.

5. Visits are made to ensure that the premises are being kept in a clean condition.

SECTION D.—HOUSING.

BUILDING AND PLANS REPORT.

Number of Plans approved during the year	...	...	...	98
Number of Dwellings	...	...	...	76
„ „ Conversions to Dwellings	...	...	...	10
„ „ Additions and Alterations	...	...	...	25
„ „ Garages	...	...	...	6
„ „ Re-drainage Schemes	...	...	...	11
„ „ Farm Buildings	...	...	...	2
„ „ Stores and Sheds	...	...	...	12
„ „ School Kitchens	...	...	...	2
„ „ Offices	...	...	...	12
Number of Houses erected by Private Enterprise during the year				1
„ „ „ Local Authority	„	„		1
Number of Inspections in connection with foundations			...	18
„ „ „ „ „ „ D.P.C.'s			...	19
„ „ Intermediate Inspections	...	...	...	175
„ „ Inspections of drains and testing	...	...	...	33
„ „ Final Inspections	...	...	...	5
„ „ Samples taken	...	...	...	5
„ „ Building Licences Issued for new houses			...	12
„ „ Houses concerned	...	...	...	20
„ „ Building Licences Issued for repair, maintenance, etc. of houses	...	...	...	155
„ „ Building Licences Issued for other work			...	36

Under the various Housing Acts, 496 Houses have been erected by this Council and the late Eaton Socon Rural District Council.

HOUSING CONDITIONS.

Bearing in mind the unsatisfactory state of housing conditions in Rural Districts throughout the country and following upon the publication of the Third Report of the Rural Housing Sub-Committee of the Central Housing Advisory Committee, instructions were issued in Ministry of Health Circular 64/44 requiring all Rural District Councils to make a comprehensive survey of all the dwellings within their areas.

The survey in this District commenced in June and as a result 1,155 houses had been fully inspected and recorded by the end of the year. These were classified as recommended in the Sub-Committee's Report as follows:—

<i>Category</i>	<i>Condition of Dwelling</i>	<i>No of Houses</i>
1	Satisfactory in all respects	12
2	Minor Defects	694
3	Requiring repair, structural alteration or improvement	268
4	Appropriate for reconditioning under the Housing (Rural Workers) Acts ...	117
5	Unfit for habitation and beyond repair at a reasonable expense	64
Total		1,155

The large number of houses falling into Categories 3, 4 and 5 is due to the fact that dwellings known to be in a defective condition were first surveyed. Except in a few cases where certain repairs were essential no action has been possible owing to the prevailing shortage of building labour and materials.

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR.

- (1) (a) Total number of Dwelling Houses inspected for housing defects (under Public Health or Housing Acts) ... 947
- (b) Number of inspections for the purpose 2289
- (2) (a) Number of Dwelling Houses (included under sub-head (1) above) which were inspected and recorded under the Housing consolidated Regulations, 1925, and Circular 64/44 Rural Housing 1174
- (b) Number of inspections for the purpose 1391
- (3) Number of Dwelling Houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 64
- (4) Number of Dwelling Houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... 868

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.

(1)	Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers	27
-----	--	----

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR.

(a)	Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:—	
(1)	Number of dwelling houses in respect of which notices were served requiring repairs	11
(2)	Number of dwelling houses which were rendered fit after service of formal notice:	
(a)	By Owners	11
(b)	By Local Authority in default of Owners	0
(b)	Proceedings under Public Health Acts	0
(c)	Proceedings under Sections 11 and 13 of the Housing Act, 1936:—	
(1)	Number of dwelling houses in respect of which Demolition Orders were made	0
(2)	Number of dwelling houses demolished in pursuance of Demolition Orders	0
(d)	Proceedings under Section 12 of the Housing Act, 1936 ...	0

4. HOUSING ACT, 1935—OVERCROWDING.

Owing to war conditions and to the acute housing shortage temporary overcrowding exists in some houses.

5. GENERAL SCHEME FOR THE REPAIR OF HOUSES. (Circular 2871).

Number of Certificates of Essentiality issued	31
„ „ Houses concerned	35
Estimated Total Cost	£12225

SECTION E.
INSPECTION AND SUPERVISION OF FOOD.

(a) MILK SUPPLY.

<i>Parishes</i>	<i>Producers & Retailers</i>		<i>Producers</i>	<i>Retail Purveyors</i>		<i>Total</i>
Great Barford	4	...	2	...	7
Little Barford	1	...	0	...	1
Biddenham	1	...	3	...	5
Bletsoe	2	...	0	...	2
Bolnhurst and Keysoe	11	...	9	...	20
Bromham	3	...	3	...	7
Cardington	2	...	0	...	2
Carlton and Chellington..	...	7	...	4	...	11
Clapham	1	...	0	...	1
Colmworth	1	...	1	...	2
Cople	2	...	1	...	3
Dean and Shelton	6	...	0	...	6
Eastcotts	2	...	2	...	4
Eaton Socon	6	...	2	...	9
Elstow	2	...	5	...	7
Felmersham	7	...	2	...	9
Harrold	1	...	2	...	4
Kempston Rural	5	...	9	...	16
Knotting and Souldrop	3	...	5	...	8
Melchbourne and Yelden	...	3	...	3	...	6
Milton Ernest	1	...	4	...	7
Oakley	2	...	2	...	4
Odell	1	...	5	...	6
Pavenham	4	...	3	...	7
Pertenhall	6	...	2	...	8
Podington	6	...	4	...	10
Ravensden	4	...	5	...	9
Renhold	6	...	8	...	15
Riseley	5	...	1	...	6
Roxton	3	...	0	...	3
Sharnbrook	3	...	3	...	6
Stagsden	4	...	3	...	7
Little Staughton	...	3	...	4	...	7
Stevington	3	...	3	...	6
Stewartby	2	...	3	...	5
Swineshead	3	...	4	...	7
Thurleigh	5	...	5	...	10
Turvey	3	...	6	...	9
Wilden	3	...	6	...	9
Willington	0	...	0	...	1
Wilstead	6	...	10	...	16
Wootton	5	...	3	...	8
Wymington	2	...	3	...	5
		<u>150</u>		<u>140</u>		<u>301</u>

Number of Persons registered since 1900	...	...	...	731
„ „ „ now carrying on the trade	...	...	...	301
„ „ „ registered during the year	...	...	...	13
Licence to produce Tuberculin Tested Milk	...	...	...	57
„ „ „ Accredited Milk	...	...	...	100
„ „ „ sell Pasteurised Milk	...	...	...	1
Cowsheds and Dairies inspected	...	...	...	16
Estimated number of Dairy Cows	...	...	...	2630

(b) MEAT INSPECTION.

Conditions of Slaughter-houses	...	...	...	...	Good
Number of Slaughter-houses	...	...	...	...	18

Eighteen Slaughter-houses were licensed under the Food and Drugs Act, 1938, and of these, 16 have retail shops attached. There is also one separate retail shop in the Parish of Wilstead.

Since the 15th January, 1940, the slaughter of animals and distribution of meat has been under the direct control of the Ministry of Food. As a result, no regular slaughtering is done in the 18 Slaughter-houses within the District.

Inspection of all meat distributed in the District is carried out at the central Slaughter-houses in the Borough of Bedford.

The following foodstuffs have been condemned as unfit for human food:—

4 lbs. Meat in tins.	25 lbs. Cake
22 „ Fish.	318 „ Jam.
27 tins Fish.	41 „ Chocolate.
30 „ Beans.	66 „ Sweets.
22 „ Soup.	374 „ Fruit.
14 „ Vegetables.	3 „ Margarine.
35 lbs. Cheese.	3 „ Butter.
	18 tins Milk.

The above were not destroyed but used for animal feeding stuffs.

OTHER FOODS.

Number of Bakehouses	...	...	...	...	...	24
Want of Limewashing	...	...	...	...	...	—

FACTORIES.

1. INSPECTION OF FACTORIES.

<i>Premises</i>	<i>Inspections</i>	<i>Number of Written Notices</i>	<i>Occupiers Prosecuted</i>
Factories with mechanical power ...	3	1	—
Factories without mechanical power ...	1	1	—
Other Premises under the Act (including works of building and engineering construction but not including out- workers premises)	0	—	—
	<u>4</u>	<u>2</u>	<u>—</u>

2. DEFECTS FOUND IN FACTORIES.

<i>Particulars</i>	<i>Defects found</i>	<i>Defects remedied</i>	<i>Referred to H.M. Inspector</i>
Want of cleanliness (S. 1)	—	—	—
Ineffective drainage of floors (S. 6) ...	—	—	—
Sanitary Conveniences (S. 7) insufficient	2	2	—
Other offences	1	1	—
	<u>3</u>	<u>3</u>	<u>—</u>

There is no outwork in unwholesome premises.

(Signed) F. LINDLEY,

D. T. MATTHEWS,

Sanitary Inspectors,

Bedford Rural District Council.

THE SANITATION AND WATER SUPPLY OF ELEMENTARY SCHOOLS.

<i>School</i>	<i>Church of England or Council</i>	<i>Average Number of Pupils on Roll</i>	<i>Average Attendance</i>	<i>Type of Closet</i>	<i>Accommo- dation</i>			<i>Disposal Excreta</i>	<i>Water</i>
					<i>Boys</i>	<i>Girls</i>	<i>Infants</i>		
Biddenham ..	C.E.	12	10	W.C.	1	2	1	Sewer	Main supply
Bletsoe ...	C.E.	14	12	Pail	1	1	2	Removed 5 times weekly	Main supply outside
Bolnhurst ...	C.	13	12	Pail	1	1	0	Drying Sheds once weekly	Main supply
Bromham ...	C.E.	66	58	Pail	2	2		Removed once weekly	Main at Schoolhouse
Cardington ..	C.	25	21	Pail	2	2	1	Drying Sheds once weekly	Main supply
Carlton ...	C.E.	24	22	Pail	2	2	0	Removed weekly	Main supply
Clapham ...	C.E.	147	133	W.C.	3	4	0	Sewer	Main supply
Colmworth ..	C.E.	32	27	Pail	2	2	1	Removed twice weekly	Main supply
Cople ...	C.	41	37	Pail	2	1	1	Removed weekly	Main supply
Dean ...	C.	40	33	Pail	2	1	1	Twice weekly	Main supply
Eastcotts ...	C.	61	55	Pail	3	3		Removed twice weekly	Main supply
Eaton Socon.	C.	287	249	Pail	2	5	4	Removed twice weekly	Main supply
Elstow ...	C.	248	220	W.C.	3	7	2	Sewer	Main supply
Felmersham .	C.	34	31	Pail	1	1	1	Drying Shed weekly	Main supply
Gt. Barford .	C.	89	76	Pail	2	3	1	Drying Shed twice weekly	Main supply
Harrold (Senior)	C.	106	90	W.C.	4	8	0	Sewer	Main supply
Harrold (Junior)	C.	80	74	W.C.	3	3	2	Sewer	Main supply
Kempston (Rural)	C.	75	67	Pail	2	3	0	Removed 5 times weekly	Taps from main
L. Staughton	C.	11	10	Pail	2	1	1	Removed weekly	Main supply
Keysoe ...	C.	62	53	Pail	2	2	1	Twice weekly	Main supply
Milton Ernest	C.E.	38	36	Pail	2	3		Removed thrice weekly	Main supply
Oakley ...	C.	43	39	W.C.	1	1	1	Hand-flushed to cesspool	Main supply
Odell ...	C.E.	13	12	Pail	2	1	1	Removed weekly	Stand pipe from main supply

The Sanitation and Water Supply of Elementary Schools—*continued.*

<i>School</i>	<i>Church of England or Council</i>	<i>Average Number of Pupils on Roll</i>	<i>Average Attendance</i>	<i>Type of Closet</i>	<i>Accommo- dation</i>			<i>Disposal Excreta</i>	<i>Water</i>
					<i>Boys</i>	<i>Girls</i>	<i>Infants</i>		
Pavenham ...	C.	34	28	Pail	1	1	1	Removed weekly	Main supply
Pertenhall ...	C.E.	—	—	Pail	2	1	1	Buried once a week	Stand pipe from main supply
Podington ...	C.E.	34	30	Pail	2	2	1	Removed twice weekly	Main supply
Ravensden ..	C.E.	45	39	Pail	2	2	1	Removed twice a week	Main supply
Renhold ...	C.E.	36	32	Pail	2	2	0	Removed 2-3 times weekly	Main supply
Riseley ...	C.E.	80	71	Pail	2	2	2	Removed twice weekly	Main supply
Roxton ...	C.E.	46	40	Pail	1	1	1	Removed twice a week	Main supply
Sharnbrook ..	C.	108	92	Pail	2	2	1	Removed twice a week	Main supply
Souldrop ...	C.	18	17	Pail	2	2		Drying Shed Removed daily	Main supply
Stagsden ...	C.E.	50	44	Pail	4	4	0	Removed once weekly	Main supply
Stevington ...	C.	37	32	W.C.	2	3		Sewer	Main supply
Stewartby (Senior)	C.	181	163	W.C.	4	10	0	Sewer	Main supply
Stewartby (Junior)	C.	141	129	W.C.	3	6	2	Sewer	Main supply
Thurleigh ...	C.	34	32	Pail	3	3		Removed twice weekly	Main supply
Turvey ... (Junior)	C.E.	26	24	Pail	2	4	4	Removed weekly	Main supply
Wilden ...	C.E.	38	32	Pail	1	1	2	Removed thrice weekly	Main supply
Willington ...	C.	36	31	W.C.	1	1	2	Hand-flushed to cesspool	Main supply
Wilstead (Mixed)	C.E.	29	24	Pail	2	3	0	Removed twice weekly	Main supply
Wilstead (Infants)	C.E.	30	25	Pail	0	0	3	Removed weekly	Stand pipe from main supply
Wootton ... (Mixed)	C.	112	103	Pail	2	5	0	Drying Shed twice weekly	Main supply
Wootton (Infants)	C.	40	34	Pail	0	0	6	Drying Shed weekly	Main supply
Wymington	C.E.	46	39	W.C.	2	3	0	Sewer	Main supply
Yelden ...	C.	—	—	Pail	1	1	1	Once weekly	Stand pipe from main supply

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS).

Age period	Scarlet Fever	Cerebro-Spinal Meningitis	Diphtheria	Pneumonia	Erysipelas	Puerperal Pyrexia	Whooping Cough	Measles	Para- Typhoid	Jaundice	Dysentery	Ophthalmia Neonatorum
Total cases notified ...	38	1	2	13	3	0	19	412	1	10	2	3
Cases admitted to Hospital ...	37	1	2	1	—	—	—	6	1	—	1	—
Total Deaths ...	—	—	1	11	—	—	—	—	—	—	—	—
Cases under 1 year ...	—	—	—	1	—	—	1	5	—	—	—	3
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 1-2 years...	2	—	—	1	—	—	—	26	—	—	—	—
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 2-3 years...	1	—	—	1	—	—	5	34	—	—	—	—
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 3-4 years...	—	—	—	—	—	—	3	32	—	1	—	—
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 4-5 years...	3	—	—	—	—	—	3	30	—	—	—	—
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 5-10 years	16	—	1	—	—	—	7	215	—	2	—	—
Deaths „ ...	—	—	1	—	—	—	—	—	—	—	—	—
Cases from 10-15 years	4	—	—	1	—	—	—	43	—	1	—	—
Deaths „ ...	—	—	—	1	—	—	—	—	—	—	—	—
Cases from 15-20 years	4	—	—	1	—	—	—	15	—	—	—	—
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 20-35 years	7	1	1	—	—	—	—	8	—	2	2	—
Deaths „ ...	—	—	—	1	—	—	—	—	—	—	—	—
Cases from 35-45 years	1	—	1	1	—	—	—	3	1	3	—	—
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 45-65 years	—	—	—	6	—	—	—	1	—	1	—	—
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 65 and over	—	—	—	2	1	—	—	—	—	—	—	—
Deaths „ ...	—	—	—	9	—	—	—	—	—	—	—	—
<hr/>												
	38	1	2	13	3	—	19	412	1	10	2	3
<hr/>												

INFECTIOUS DISEASES (OTHER THAN TUBERCULOSIS).

Villages	Jaundice	Scarlet Fever	Cerebro Spinal Meningitis	Diphtheria	Pneumonia	Erysipelas	Puerperal Pyrexia	Whooping Cough	Measles	Typhoid	Ophthalmia Neonatorum	Dysentery
Oakley ...	2	2	—	—	1	—	—	—	3	—	—	—
Clapham ...	—	4	—	1	—	—	—	—	19	—	—	—
Eaton Socon ...	3	—	—	—	1	—	—	11	98	—	—	—
Bromham ...	—	4	—	—	—	—	—	—	23	—	—	—
Elstow ...	—	1	—	—	—	—	—	—	1	—	—	—

<i>Villages</i>			<i>Jaundice</i>	<i>Scarlet Fever</i>	<i>Cerebro Spinal Meningitis</i>	<i>Diphtheria</i>	<i>Pneumonia</i>	<i>Erysipelas</i>	<i>Puerperal Pyrexia</i>	<i>Whooping Cough</i>	<i>Measles</i>	<i>Typhoid</i>	<i>Ophthalmia Neonatorum</i>	<i>Dysentery</i>
Cardington ...	...	—	2	1	—	1	—	—	—	2	2	—	—	—
Colmworth ...	...	—	—	—	—	—	—	—	—	—	4	—	—	—
Wilstead ...	...	—	—	—	—	2	—	—	—	—	37	—	1	—
Thurleigh ...	...	—	—	—	1	—	—	—	—	—	1	—	—	—
Renhold ...	...	—	—	—	—	1	1	—	—	—	2	—	—	—
Bletsoe ...	...	—	2	—	—	—	—	—	—	—	—	—	—	—
Felmersham ...	...	—	—	—	—	—	—	—	—	—	13	—	—	—
Harrold ...	...	2	1	—	—	—	—	—	—	—	2	—	—	—
Little Barford ...	...	—	1	—	—	—	—	—	—	—	1	—	—	—
Sharnbrook ...	...	—	1	—	—	—	—	—	—	—	9	—	—	—
Stagsden ...	...	—	—	—	—	—	—	—	—	—	1	—	—	—
Wilden ...	...	—	—	—	—	—	—	—	—	—	6	—	—	—
Eastcotts ...	...	—	—	—	—	1	—	—	—	—	8	—	—	—
Odell ...	...	—	—	—	—	—	—	—	—	—	4	—	—	—
Kempston ...	...	—	—	—	—	—	—	—	—	—	6	—	—	—
Willington ...	...	—	—	—	—	1	—	—	—	—	11	—	—	1
Pertenhall ...	...	—	—	—	—	—	—	—	—	—	9	—	—	—
Bolnhurst ...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Podington ...	...	—	4	—	—	1	1	—	—	3	1	—	—	—
Pavenham ...	...	—	—	—	—	2	—	—	—	—	4	—	—	—
Yeldon ...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Keysoe ...	...	1	4	—	—	—	—	—	—	—	4	—	—	—
Wootton ...	...	—	—	—	—	—	—	—	—	—	3	—	—	—
Turvey ...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Wymington ...	...	—	7	—	—	2	—	—	—	—	6	—	—	—
Melchbourne ...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Riseley ...	...	—	—	—	—	—	—	—	—	—	7	—	—	—
Gt. Barford ...	...	—	—	—	—	—	—	—	—	—	26	—	—	—
Little Staughton ...	...	—	—	—	—	—	—	1	—	—	8	—	—	1
Milton Ernest ...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Carlton ...	...	1	—	—	—	—	—	—	—	—	—	1	1	—
Biddenham ...	...	—	—	—	—	—	—	—	—	1	1	—	—	—
Ravensden ...	...	—	—	—	—	—	—	—	—	—	2	—	—	—
Roxton ...	...	1	—	—	—	—	—	—	—	1	53	—	—	—
Souldrop & Knotting	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Wyboston ...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Cople ...	...	—	1	—	—	—	—	—	—	1	26	—	—	—
Dean ...	...	—	—	—	—	—	—	—	—	—	3	—	—	—
Shelton ...	...	—	2	—	—	—	—	—	—	—	7	—	—	—
Stevington ...	...	—	1	—	—	—	—	—	—	—	1	—	—	—
Stewartby ...	...	—	1	—	—	—	—	—	—	—	—	—	—	—
TOTAL ...			10	38	1	2	13	3	—	19	412	1	3	2

SMALL POX.

I am glad to report that there have been no cases notified.

SCARLET FEVER.

Thirty-eight cases were notified. All but one were removed to the Isolation Hospital.

They came from sixteen parishes, the greatest number were in the parish of Wymington with seven cases.

Of the age incidence, sixteen occurred in the period from five to ten years.

No deaths.

DIPHTHERIA.

Two cases were notified and were removed to the Isolation Hospital.

Their ages were 21 and 6. Neither had been immunised.

One death occurred.

PNEUMONIA.

Thirteen cases were notified from 10 parishes.

11 deaths were registered.

ERYSIPELAS.

Three cases were notified. All recovered.

PUERPERAL PYREXIA.

No cases notified.

PARATYPHOID FEVER.

One case was notified. This patient was admitted to the Isolation Hospital but the diagnosis of Paratyphoid was not confirmed.

CEREBRO-SPINAL MENINGITIS.

One case notified and was treated in Hospital. No deaths.

WHOOPING COUGH.

Nineteen cases have been reported; they have occurred in six parishes.

MEASLES.

Four hundred and twelve cases were notified from 36 parishes.

OPHTHALMIA NEONATORUM.

Three cases were notified. All recovered.

CATARRHAL JAUNDICE.

Ten cases were notified, occurring in six parishes.

NON-NOTIFIABLE DISEASES.

An outbreak of Chicken-Pox occurred in the parishes of Stewartby, Wilden, Oakley, Harrold and Eaton Socon.

Cases of mumps occurred in the Parishes of Carlton, Odell, Harrold, Thurleigh, Wilstead and Bletsoe.

THE SCABIES ORDER, 1941.

I have arranged for evacuated children to be admitted to St. Peter's Hospital to be cleansed and treated.

I have also arranged with the Borough of Bedford Authorities to cleanse all infected persons at one of their cleansing centres at the cost of 2/- per treatment. As a rule, two treatments are necessary. With regards to the cleansing of their clothes and blankets, I instruct the infected person or parent (if a child) to boil all linen or cotton sheets and under-clothing and air and iron all blankets and woollen under garments.

During the year under review 225 treatments have been given to 129 persons at the Commercial Road Treatment Centre in Bedford.

ARTIFICIAL IMMUNISATION AGAINST DIPHTHERIA.

A number of children have been immunised against Diphtheria during the year under review and during previous years.

I give details below:—

I. NUMBER OF CHILDREN WHO HAD COMPLETED A FULL COURSE OF IMMUNISATION AT ANY TIME TO DECEMBER 31st, 1945:—

Age at 31.12.45 Born in years	Under 1 1945	1 1944	2 1943	3 1942	4 1941	5-9 1936-1940	10-14 1931-1935	Total under 15
Number Immunised	49	204	257	267	228	1647	1370	4022
Estimated mid-year Population 1945	2070					3740		

II. DIPHTHERIA NOTIFICATION AND DEATHS IN RELATION TO IMMUNISATION:—

Age at date of notification		Number of cases notified	Number of cases included in preceding column in which child had completed full course of Immunisation	Age at date of Death		Number of Deaths	Number of cases included in preceding column in which child had completed full course of Immunisation
Under 1	...	—	—	Under 1	...	—	—
1	...	—	—	1	...	—	—
2	...	—	—	2	...	—	—
3	...	—	—	3	...	—	—
4	...	—	—	4	...	—	—
5-9	...	1	—	5-9	...	1	—
10-14	...	—	—	10-14	...	—	—
Totals	...	1	—	Totals	...	1	—

TUBERCULOSIS.

New Cases and Mortality.

Villages.		New Cases.				Deaths.			
		Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
		M	F	M	F	M	F	M	F
Cardington	...	—	—	—	—	1	—	—	—
Eaton Socon	...	—	1	1	—	—	—	1	—
Clapham	...	—	2	—	—	1	—	—	—
Bromham	...	—	—	—	1	—	—	—	—
Sharnbrook	...	—	1	—	—	—	—	—	—
Milton Ernest	...	—	1	—	—	—	—	—	—
Cople	...	—	—	1	—	—	—	—	—
Bolnhurst	...	1	1	—	—	—	—	—	—
Dean	...	—	1	—	—	—	—	—	—
Kempston	...	1	—	—	—	1	—	—	—
Stagsden	...	—	1	—	—	—	—	—	—
Gt. Barford	...	—	1	—	—	—	—	—	—
Eastcotts	...	1	—	—	—	—	—	—	—
Keysoe	...	—	1	—	—	—	—	—	—
Wymington	...	1	—	—	—	—	—	—	—
Thurleigh	...	—	—	—	—	1	—	—	—
Wilstead	...	—	—	—	—	—	1	—	—
Renhold	...	1	—	—	—	—	—	—	—
Total	...	5	10	2	1	4	1	1	—

TUBERCULOSIS.

New Cases and Mortality.

Age Period.					New Cases.				Deaths.			
					Pulmonary. M	F	Non-Pulmonary. M	F	Pulmonary. M	F	Non-Pulmonary. M	F
Under 1 year	...				—	—	—	—	—	—	—	—
1 year to 5 years	...				—	—	—	—	—	—	1	—
5 years to 10 years	...				—	—	—	—	—	—	—	—
10	„	15	„	...	—	—	—	—	—	—	—	—
15	„	20	„	...	1	3	—	—	—	—	—	—
20	„	25	„	...	1	1	1	—	—	—	—	—
25	„	35	„	...	1	3	—	1	2	—	—	—
35	„	45	„	...	1	1	—	—	1	1	—	—
45	„	55	„	...	1	1	1	—	1	—	—	—
55	„	65	„	...	—	1	—	—	—	—	—	—
65 and over	...			...	—	—	—	—	—	—	—	—
					5	10	2	1	4	1	1	—

CANCER.

There have been 52 deaths out of 320 from all causes, of these 23 were males and 29 females.

The various systems affected and the ages of each sex at death are as follows:—

Distribution of Males.

2	Cancer cases of œsophagus and Buccal Cavity	...	ages 77, 73
3	„ „ „ Stomach and Duodenum	...	ages 79, 72, 78
18	„ „ „ other sites	ages 77, 61, 65, 60, 57, 70, 43, 77, 78	85, 81, 60, 70, 43, 63, 71, 78, 53

Distribution of Females.

3	Cancer cases of Uterus and Buccal cavity	ages 44, 59, 57
6	„ „ „ Stomach and Duodenum	ages 61, 47, 68, 74, 59, 70
4	„ „ „ Breast	... .. ages 72, 65, 87, 78
16	„ „ „ other sites	ages 47, 75, 74, 66, 57, 66, 62, 84, 53
		85, 54, 56, 46, 75, 66, 48

PREVENTION OF BLINDNESS.

No action was necessary under Section 176 of the Public Health Act, 1936.

To the Chairman and Members of the Bedford Rural District Council.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to submit my annual report upon the health, vital statistics and sanitary conditions of the Bedford Rural District for the year 1946.

Compared with that of the previous year the death rate showed a slight decrease, whilst there was a slight increase in the birth and infantile mortality rates. Infectious Diseases were of low incidence, and health, in so far as it can be measured by these rates, has been satisfactory.

The special survey ordered by the Ministry of Health to be made of working-class houses in the district has been continued, but is not yet complete.

I would like to accord my appreciation and thanks to my predecessor, Dr. W. K. Parbury, for his willing advice and the valuable information I have gained from him.

Also in conclusion I would like to take this opportunity of expressing my thanks to your Clerk, Mr. C. B. Townsend, your Surveyor and Sanitary Inspector, Mr. D. T. Matthews, and to other members of the staff for their ready help and co-operation in the carrying out of my work.

I have the honour to be,

Your obedient Servant,

H. E. C. SUTTON,

Medical Officer of Health.

October, 1947.

BEDFORD RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR 1946

SECTION A.

STATISTICS OF THE AREA.

Area in acres	...	...	...	...	...	...	...	112,590
Population—								
Census for 1931	...	...	...	...	...	...	...	22,204
Estimated for mid-year of 1946					...	...	...	25,660
Number of inhabited houses for 1946					...	...	...	8,120
Rateable value	...	...	...	...	...	...	...	£142,335
Sum represented by a Penny Rate	...	...	...	...	...	...	...	£550

SOCIAL CONDITIONS OF THE AREA.

Agriculture and Market Gardening are the chief occupations. Industries consist of brick making at Stewartby, Marston, Ridgmont and Kempston Hardwick; leather dressing at Harrold and Odell and flour milling along the River Ouse. Boot factories at Rushden give employment to a number of people living in Wymington and Podington.

During the year work commenced on the Aeronautical National Establishment, which is to cover an area extending from Clapham to Little Staughton. It is estimated that this establishment will have a personnel of 5,000, 50—60 per cent of whom will be housed in the district.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

		<i>Total</i>	<i>M.</i>	<i>F.</i>	
Live Births	{ Legitimate ...	421	205	216	Birth Rate 18·3 per 1,000 of the resident population
	{ Illegitimate ...	48	29	19	
	Total	<u>469</u>	<u>234</u>	<u>235</u>	

Still Births	{ Legitimate ...	10	6	4	Birth Rate 24·9 per 1,000 births (live and still)
	{ Illegitimate ...	2	2	—	
	Total	<u>12</u>	<u>8</u>	<u>4</u>	

	<i>Total</i>	<i>M.</i>	<i>F.</i>
Deaths	304	164	140

giving a Death Rate of 11·5 per 1,000 of the resident population.

Birth Rate for England and Wales is 19·1

Death Rate for England and Wales is 11·5

DEATHS FROM PUERPERAL CAUSES.

(Headings 29 and 30 of the Registrar-General's Short List.)

		<i>Deaths</i>	<i>Death Rate</i> (per 1,000 live and still births)
No. 29	Puerperal and Post-abortion Sepsis	1	2·1
No. 30	Other Puerperal Causes	0	0·0

MATERNAL MORTALITY FOR ENGLAND AND WALES.

Abortion with Sepsis ...	0·13	per 1,000 (Live and Still) Births.					
Abortion without Sepsis ...	0·06	„	„	„	„	„	„
Puerperal Infections ...	0·18	„	„	„	„	„	„
Others	1·06	„	„	„	„	„	„

INFANTILE MORTALITY.

			<i>M.</i>	<i>F.</i>
Deaths of Infants under one year of age:—	Legitimate	20	12	8
	Illegitimate	1	1	0
	Total	<u>21</u>	<u>13</u>	<u>8</u>

DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE.

All Infants per 1,000 live births	44·8
Legitimate Infants per 1,000 legitimate live births	47·5
Illegitimate Infants per 1,000 illegitimate live births	20·8
Deaths from Cancer (all ages)	37
„ „ Measles (all ages)	0
„ „ Whooping Cough (all ages)	0
„ „ Diarrhoea (under two years of age)	1

CAUSES OF DEATH.							M.	F.
1	Typhoid and Paratyphoid Fevers						0	0
2	Cerebro-spinal Fever						0	0
3	Scarlet Fever						0	0
4	Whooping Cough						0	0
5	Diphtheria						0	0
6	Tuberculosis of Respiratory System						3	3
7	Other forms of Tuberculosis						3	4
8	Syphilitic Diseases						0	1
9	Influenza						3	4
10	Measles						0	0
11	Acute Polio-myelitis and polio-encephalitis						0	0
12	Acute infective encephalitis						0	0
13	Cancer of buc.: cavity and œsophagus (M.) Uterus (F.)						0	2
14	Cancer of stomach and duodenum						4	3
15	Cancer of breast						0	6
16	Cancer of all other sites						15	7
17	Diabetes						0	0
18	Intra-cranial vascular lesions						17	18
19	Heart disease						29	35
20	Other diseases of circulatory system						22	17
21	Bronchitis						11	7
22	Pneumonia						8	3
23	Other respiratory diseases						2	0
24	Ulceration of stomach and duodenum						2	0
25	Diarrhœa (under two years)						1	0
26	Appendicitis						0	1
27	Other digestive diseases						1	4
28	Nephritis						4	2
29	Puerperal and post-abortion sepsis						0	1
30	Other maternal causes						0	0
31	Premature birth						4	3
32	Congenital malformations, Birth injuries and in- fantile diseases						3	1
33	Suicide						2	0
34	Road Traffic Accidents						4	1
35	Other violent causes						5	3
36	All other causes						21	14
ALL CAUSES							164	140

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

(i) PUBLIC HEALTH OFFICERS TO THE LOCAL AUTHORITY.

- H. E. C. Sutton, M.B., Ch.B., D.P.H., Medical Officer of Health (part-time to your authority, but whole-time to the work of M.O.H.).
- D. T. Matthews, Cert. S.I.E.J.B., M.R.San.I., M.S.I.A., Sanitary Inspector, Surveyor and Water Engineer.
- R. J. Crewdson, Cert. S.I.E.J.B., Additional Sanitary Inspector and Assistant Surveyor.
- R. J. Minns, Assistant Water Engineer.
- R. H. Goodship, Housing and Building Inspector.
- C. G. Carlton, General Clerical Assistant.
- C. Kay, General Clerical Assistant.

(a) LABORATORY FACILITIES.

(ii) There are arrangements with the Bedford County Hospital for the pathological and bacteriological examination of any specimens required.

The following were examined:—

For Diphtheria	5
----------------	-----	-----	-----	-----	-----	-----	-----	---

(b) AMBULANCE FACILITIES.

For Infectious Diseases. An Ambulance is kept at the Oakley Isolation Hospital.

For Non-Infectious Cases and Accidents.

As a part of the County Public Health Service, the Bedfordshire County Council has, in anticipation of its duties under the National Health Service Act, 1946, inaugurated a County Ambulance Service, which is free of charge, covers the full twenty-four hours, and operates from the following depots:—

NEWNHAM AVENUE, BEDFORD. *Telephone:* Bedford 4875.

CLARIDGES LANE, AMPTHILL. *Telephone:* Ampthill 2187.

THE LAWNS, THE BAULK, BIGGLESWADE. *Telephone:* Biggleswade 2295

AMBULANCE DEPOT, HIGH STREET NORTH, DUNSTABLE. *Telephone:* Dunstable 76.

In addition to this Service there are arrangements for border parishes with voluntary bodies which have depots at:—

ST. JOHN AMBULANCE BRIGADE H.Q., 10 NEW STREET, LINSLADE.
Telephone: Leighton Buzzard 3332.

“HORSE GROVE”, WOBURN SANDS, BLETCHLEY, BUCKS. *Telephone:* Woburn Sands 3107.

This new Service promises to be highly satisfactory, both in the case of the transport of emergency and of ordinary hospital cases.

(c) PROFESSIONAL NURSING IN THE HOME.

The Bedfordshire County Nursing Association supplies 15 Nurses to 38 villages in the District. These nurses attend to Midwifery and Maternity cases and also to minor Medical and Surgical cases. They are not allowed to nurse any disease of an infectious nature.

Supervision is carried out by the Superintendent of the County Nursing Association.

The salary of these nurses is made up by a grant from the Beds. County Council, together with voluntary contributions and small fees which are charged to non-members.

The distribution is as follows:—

Sharnbrook, Souldrop and Knotting ...	...	Nurse Martin*†
Podington, Wymington and Hinwick ...	...	Nurse Paradise*†
Felmersham, Pavenham and Radwell	...	Nurse Bamford††
Stevington and Bromham	... ..	Nurse Cox
Milton Ernest, Bletsoe and Thurleigh ...	...	Nurse Cooper*†
Melchbourne, Yelden, Dean, Swineshead, Shelton and Riseley	... ..	Nurse Baines††
Wootton ... ..	...	Nurse Wardlaw*†
Kempston Rural...	... ..	Nurse Minards†† and Nurse Clark††
Harrold, Carlton, Chellington and Odell	...	Nurse Owen*†
Eaton Socon and Little Barford	... ..	Nurse Moore*†
Keysoe, Bolnhurst, Little Staughton, Pertenhall and Colmworth	... ..	Nurse Wyndham*†
Cardington and Cople	... ..	Nurse Miller *†
Clapham and Oakley	... ..	Nurse Wilson††
Stewartby	... ..	Nurse Gandy*†

* S.R.N. † Registered Assistant Nurse. ‡ S.C.M.

Infectious Diseases. There is no provision made for the treatment of infectious diseases in the patient's own home. An Isolation Hospital for the treatment of these diseases is provided free of charge.

MIDWIVES.

The employment and registration of Midwives is undertaken by the County Council.

The number of Midwives practising in your area is 18, inclusive of 15 employed by the Bedfordshire County Nursing Association.

(d) CLINIC AND TREATMENT CENTRES.

These are provided by the County Council.

Infant Welfare Clinics:—

Kempston Methodist Schoolroom (Foster Road)	Friday, 10 a.m. and 2 p.m.
Clapham British Legion Hall ...	Monday, 10 a.m.
Eaton Socon Institute ...	Alternate Thursdays, 2 p.m.
Harrold, The Chapel ...	Alternate Tuesdays, 2 p.m.
Sharnbrook Church Hall ...	Alternate Thursdays, 2 p.m.
Stewartby Church Hut ...	Alternate Mondays, 2 p.m.
Bromham, The School ...	Alternate Mondays, 2 p.m.
Turvey, The Old Schoolroom ...	Monthly, Wednesday, 2 p.m.
Wootton Methodist School ...	Alternate Thursdays, 10 a.m.

Venereal Disease Clinic:—

	<i>Men</i>	<i>Women</i>
Bedford County Hospital ... (Amphill Road Entrance)	Monday to Friday (inclusive) 4—8 p.m.	Monday, Tuesday, 5.30 p.m. Wednesday, 5—7 p.m. Thursday 5.30 p.m. Friday, 3—5 p.m.

Medical Officer in attendance: Wednesday 5—7 p.m., Friday, 3—5 p.m.

Tuberculosis Clinic:—

Dents Road, off Ivy Road, Bedford:

Monday (Women and Children), 2—4 p.m.; Thursday (Men), 2—4 p.m.

Consultant Physician in attendance: Alternate Wednesdays, 2—5 p.m.

(e) HOSPITALS.

<i>Hospital.</i>	<i>Situation.</i>	<i>Purpose.</i>	<i>No. of Beds.</i>	<i>Management.</i>
Oakley Isolation ...	Clapham ...	Infectious Diseases	64 ...	Joint Hospital Board.
Tuberculosis Sanatorium	Mogerhanger	Tuberculosis	72 ...	C.C.
St. Peter's ...	Bedford ...	General Medical & Surgical, Maternity and Children	368 ...	C.C.
Beds. County Hospital	Bedford ...	General Medical & Surgical, Maternity and Children	174 ...	Voluntary
Children's Home ...	Kempston ...	Children	45 ...	C.C.

LEGISLATION IN FORCE.

ADOPTIVE ACTS.

Slaughter of Animals Act, 1933, Section I.

BYE-LAWS AND REGULATIONS.

New Streets and Buildings.

Dairies, Cowsheds, Milkshops, etc.

Slaughter Houses.

SECTION C.

SANITARY CONDITIONS OF THE AREA.

RAINFALL.

Rainfall at Great Barford.

Altitude:—126 feet above sea level.

Latitude:—52° 9' N. Longitude:—0° 20' W.

1946		<i>Total ins.</i>	<i>Greatest Rainfall in 24 hours</i>		<i>No. of days with .01" or more</i>	<i>No. of days with .04" or more</i>
<i>Month</i>			<i>Inches</i>	<i>Date</i>		
January ...	...	1.14	.31	29th	12	7
February ...	...	1.89	.22	3rd & 5th	20	14
March ...	...	1.24	.30	21st	9	7
April ...	...	1.01	.26	29th	9	6
May ...	...	2.19	.52	19th	14	11
June ...	...	2.33	.31	8th	24	18
July ...	...	1.48	.30	17th	9	9
August ...	...	2.97	.72	9th	19	14
September ...	...	2.95	.82	20th	16	16
October ...	...	1.44	.40	21st	8	5
November ...	...	4.41	.85	14th	21	18
December ...	...	2.21	.20	9th & 12th	17	14
		25.26	.85		178	139

Rainfall at Wellingborough—at Swanspool Gardens.

Altitude:—168½ feet.

Diameter of gauge, 5 ins. Height of gauge above ground, 12 ins.

Latitude:—52° 17' 54" N. Longitude:—0° 41' 23" W.

<i>Month</i>			<i>Total ins.</i>	<i>No. of days with .01" or more</i>	<i>No. of days with .04" or more</i>
January ...	...	...	1.40	10	7
February ...	...	...	2.18	17	13
March ...	...	...	1.26	7	7
April ...	...	...	1.35	10	7
May ...	...	...	2.62	12	8
June ...	...	...	2.66	16	15
July ...	...	...	1.41	11	7
August ...	...	...	3.60	22	17
September ...	...	...	3.24	17	14
October ...	...	...	1.36	11	5
November ...	...	...	4.39	21	17
December ...	...	...	2.21	20	13
			27.68	174	130

Rainfall at Wellingborough—at Bushfield Waterworks.

Altitude:—286 feet.

Gauge 8in. diameter. Height of gauge above ground, 11 ins.

Latitude:—52° 9' N. Longitude 0° 43' W.

<i>Month</i>				<i>Total ins.</i>	<i>No. of days with ·01" or more.</i>	<i>No of days with ·04" or more</i>
January ...	...	...	...	1·71	... 13	... 7
February ...	...	...	...	2·19	... 18	... 11
March ...	...	...	...	1·23	... 9	... 7
April ...	...	...	...	1·28	... 10	... 7
May ...	...	...	...	2·51	... 13	... 8
June ...	...	...	...	2·70	... 21	... 16
July ...	...	...	...	1·55	... 12	... 8
August ...	...	...	...	3·44	... 23	... 17
September ...	...	...	...	3·16	... 18	... 16
October ...	...	...	...	1·17	... 12	... 6
November ...	...	...	...	4·59	... 21	... 18
December ...	...	...	...	2·20	... 20	... 14
				<hr/>	<hr/>	<hr/>
				27·73	... 190	... 135
				<hr/>	<hr/>	<hr/>

Rainfall for previous ten years:—

<i>Year</i>			<i>Great Barford</i>		<i>Wellingborough Swanspool Gardens</i>		<i>England and Wales</i>
1937 ...	...	...	29·93	...	30·41	...	39·1
1938 ...	...	...	19·70	...	23·60	...	35·6
1939 ...	...	...	25·51	...	30·51	...	40·3
1940 ...	...	...	21·35	...	24·32	...	35·6
1941 ...	...	...	22·11	...	27·63	...	33·8
1942 ...	...	...	18·69	...	22·04	...	35·9
1943 ...	...	...	16·07	...	17·23	...	33·4
1944 ...	...	...	19·43	...	22·24	...	35·3
1945 ...	...	...	18·03	...	21·61	...	33·27
1946 ...	...	...	25·26	...	27·68	...	41·60

I wish to express my thanks to Mr. Arnold Whitchurch of Great Barford, and to Mr. R. Kilby of Wellingborough for supplying me with the information about the rainfalls of these districts.

SECTION C.

1 (i) WATER SUPPLY.

There is a piped mains supply to every parish within the district, available everywhere, with the exception of certain outlying farms.

The Council is not responsible for any source of supply, but purchases water in bulk from neighbouring undertakings, viz.:—Bedford Corporation, Biggleswade Water Board, Ampthill R.D.C., St. Neots U.D.C., Rushden and Higham Ferrers Water Board and Kempston U.D.C.

The supply throughout the area has been satisfactory both in quantity and quality during the year.

I append reports received on the three chief supplies to the district:—

BEDFORD BOROUGH SUPPLY.

Report from the Medical Officer of Health.—A routine bacteriological examination and chemical analysis indicates a hard water of good organic and bacterial purity, suitable for all dietetic purposes.

For a period during the summer the water as delivered showed a very dark colour, and complaints of taste were received. The matter was investigated and found to be due to the presence of manganese compounds resulting from the treatment of the water with potassium permanganate to check algal growths. Steps were taken to avoid a repetition of this trouble.

BIGGLESWADE SUPPLY.

Apart from one sample found to be of slight bacterial impurity, including coliform organisms, not however of faecal type, and present only in very small number, results of routine bacteriological examination and chemical analysis showed a water which was clear and bright in appearance, neutral in reaction and free from metals, apart from a negligible trace of iron. It is hard in character, but not unduly so, contains no excess of salinity or mineral constituents in solution, and is of the highest standard of organic and bacterial purity. These results are consistent with a pure and wholesome water, suitable for public purposes.

BIRCHMOOR SUPPLY.

Routine bacteriological examination and chemical analysis showed a water which is practically clear and bright in appearance, and free from metals, apart from a very minute trace of iron. It is faintly acid in reaction, has a low content of alkalinity and a corrosive tendency towards metals would be anticipated. It is soft in character, contains no excess of

salinity or mineral constituents in solution, and is of the highest standard of organic and bacterial purity. Apart from corrosive characteristics, these results are consistent with a pure and wholesome water, suitable for purposes of a public supply.

Details of regular routine bacteriological and chemical examinations made of the other supplies will appear in the annual reports of the supplying authorities.

Routine bacteriological examinations have been obtained by this Council of water samples from various domestic taps in the district. The following report on a sample taken from a kitchen tap at Wyboston, Eaton Socon, being a typical result:—

“This sample is clear and bright in appearance and conforms to the high standard of bacterial purity.

This result is indicative of a wholesome water suitable for drinking and domestic purposes.”

As the parish of Wootton receives water from Birchmoor, which is liable to have a plumbo-solvent action, the use of lead service pipes and fittings is prohibited under the Council's Water Byelaws in this parish.

SANITARY INSPECTOR'S ANNUAL REPORT

(Mr. D. T. Matthews).

SECTION C (contd.).

1. (i) WATER SUPPLY.

The main water scheme comprises two pumping stations, two water towers and 190 miles of water main. Supplies have been ample during the year.

Details of the main water supplies are as follows:—

<i>PARISH</i>	<i>Population estimated for 1946</i>	<i>Length of Miles</i>	<i>Mains Yards</i>	<i>Premises supplied</i>	<i>No. of Services</i>	<i>No. of Standposts</i>
Great Barford	744	2	939	88	77	23
Little Barford	75	1	549	5	5	2
Biddenham	497	1	1634	145	142	—
Bletsoe	214	4	462	16	16	7
Bolnhurst and Keysoe...	589	8	1364	97	94	39
Bromham	1235	5	984	253	197	—
Cardington	373	1	1040	96	64	—
Carlton and Chellington	554	5	351	50	48	12
Clapham	1424	3	604	491	232	14
Colmworth	291	2	1500	57	50	10
Cople	549	1	1577	94	70	9
Dean and Shelton	320	3	1432	46	45	16
Eastcotts	907	3	174	50	43	11
Eaton Socon	2728	14	1462	360	258	52
Elstow	419	2	1573	127	74	—
Felmersham	375	2	1663	34	31	14
Harrold	895	1	1054	93	72	21
Kempston Rural	1077	11	323	224	189	21
Knotting and Souldrop..	260	4	40	30	26	9
Melchbourne and Yielden	251	5	676	39	34	12
Milton Ernest	355	4	1338	34	33	8
Oakley	491	4	1126	104	90	20
Odell	230	3	425	24	23	9
Pavenham	364	2	1114	56	56	11
Pertenhall	195	2	295	30	24	6
Podington	472	4	82	70	63	7
Ravensden	412	5	128	75	72	14
Renhold	554	9	58	239	226	1
Riseley	505	3	1003	65	58	17
Roxton	599	5	898	74	55	20
Sharnbrook	755	6	432	127	119	21
Stagsden	405	2	1482	67	63	15
Staughton, Little	186	3	441	35	34	12
Stevington	478	2	286	52	50	12
Stewartby	1290	1	494	21	15	—
Swineshead	93	1	728	22	21	6
Thurleigh	427	9	1035	56	54	22
Turvey	678	3	164	40	37	18
Wilden	356	7	255	50	49	15
Willington	476	3	332	43	42	13
Wilshamstead	877	6	6	159	147	20
Wootton	1214	5	1041	183	170	41
Wymington	633	1	592	89	46	2
(Sandy and Tempsford Biggleswade R.D.C.)	—	3	876	—	—	—
	25822	190	592	4110	3314	582

(ii) DRAINAGE AND SEWERAGE.

In the Rural District 7,436 yards of open sewers were thoroughly cleansed and repaired in various Parishes.

2. RIVERS AND STREAMS.

During the year, no complaints were notified of the pollution of watercourses.

3. (i) CLOSET ACCOMMODATION.

A water carriage system is in operation in the Parishes of Clapham, Wymington and Stewartby, and in parts of the Parishes of Eaton Socon, Eastcotts, Stevington and Sharnbrook. The rest of the district has Water Closets (to cesspools) and Earth Closets.

(ii) PUBLIC CLEANSING.

During the year the following materials have been salvaged by your Contractors and by voluntary organisations.

									<i>Contractors</i>	
									<i>tons</i>	<i>cwts.</i>
Paper	...	...	...	...	...	...	...	...	18	7
Black Scrap	...	...	...	...	...	...	...	...	3	14
Textiles	...	...	...	...	...	...	...	...	1	3
Bones	...	...	...	...	...	...	...	...	1	13

(iii) SANITARY INSPECTION OF THE AREA.

REPORT OF NUISANCES.

1.	Defective and/or Blocked Drainage	...	...	...	...	23
2.	Defective Sinks and Wastes	...	...	...	...	31
3.	Dangerous Buildings	...	...	...	...	2
4.	Movable Dwellings Nuisances	...	...	...	...	3
5.	Cesspool Nuisances	...	...	...	...	34
6.	Defective and Insanitary E.C.'s	...	...	...	...	113
7.	Defective W.C.'s	...	...	...	...	12
8.	Insanitary Premises	...	...	...	...	2
9.	Lack of, or Defective Refuse Accommodation	...	...	...	...	33
10.	Offensive Accumulations	...	...	...	...	1
11.	Insanitary Ditches	...	...	...	...	20
12.	Defective Water Services	...	...	...	...	23
13.	Houses to re-decorate	...	...	...	...	11
14.	Blocked and/or Defective Sewers	...	...	...	...	6

15.	Houses not reasonably fit under Public Health and Housing	810
	Acts	46
	Defective Walls	84
	Defective Roofs	45
	Defective Chimneys	48
	Defective Eaves Gutters	40
	Defective Rainwater Pipes	36
	Defective Rainwater Butts and/or Tanks	27
	Defective Solid Floors	37
	Defective Wooden Floors	45
	Defective Wall Plaster	49
	Defective Ceiling Plaster	78
	Defective Windows	28
	Insufficient Lighting and Ventilation to rooms	26
	Insufficient Height to rooms	51
	Defective Doors	123
	Defective Cooking Grates	68
	Defective other Grates	16
	Defective Food Stores	7
	No proper Food Stores	7
	Defective Staircases	2
	Defective Handrails	19
	No Handrails	87
	Defective Coppers	11
	No Washing accommodation	29
	Defective Paths and Gates	6
	Defective or no paving to Yards	19
	Defective Outbuildings	113
	Defective Earth and Chemical Closets	12
	Defective Water Closets	3
	No Drains	20
	Defective Drains	31
	Defective Sinks	11
	Defective Paintwork and Decorations	26
	Houses affected by dampness	6
	Defective Draining Boards	4
	Defective Mantelpieces	8
	Defective Hot Water Systems	
16.	Houses unfit for Human Habitation	13
17.	Houses inspected and recorded	1085
18.	Cases of Infectious Disease	23
19.	Rooms Disinfected	29
20.	Schools Disinfected	—
21.	Infested Houses	13
22.	Rooms Disinfested	19
23.	Cowshed Nuisances	3
24.	Bakehouse Nuisances	1
25.	Slaughterhouse Nuisances	—

SUMMARY OF MATTERS DEALT WITH.

	<i>Inspections</i>	<i>Defects or Nuisances found</i>
Houses, Inspection of, Public Health and		
Housing Acts	1154	964
Public Health Act Inspections	1871	314
Factories, etc.	6	2
Cowsheds and Dairies	12	2
Slaughterhouses and Retail Shops	42	—
Inspections in connection with Water Scheme	499	23
Inspections in connection with the		
Infestation Order, 1944	9	8
	<hr/>	<hr/>
	3593	1313
	<hr/>	<hr/>
Number of Notices served, Preliminary ... ..	...	40
„ „ „ „ Statutory ... ..	...	3
Proceedings taken ... ..	...	0

DISINFECTION.

After all cases of notifiable infectious disease the rooms occupied by the patient are sealed off and disinfected with a dilute spray of formalin or by formaldehyde gas. 30 rooms were so treated in 1946. An inspection of the house and sanitary arrangements is made in each case, and where necessary, informal notices are served requiring any defects found to be remedied. The amount of bedding, clothing and other articles likely to retain infection, removed to the Isolation Hospital for steam disinfection, was:—

Camp Beds	1	Eiderdowns	13
Towels	8	Pillows	24
Mattresses	24	Pillow Cases... ..	10
Sheets	20	Blankets	71
		Miscellaneous	227

PETROL AND CARBIDE LICENCES.

Number of Licences to store petrol and carbide granted during the year	75
--	----

(iv) SHOPS AND OFFICES.

During the year 15 inspections were made under the Shops Act, 1934, and in every case the provisions of the Act were complied with. With regard to Circular 1600, dealing with offices, no action has been found to be necessary.

(v) CAMPING SITES.

1.	Number of sites used for camping purposes	...	...	5
2.	Number of sites licensed by Local Authority	...	...	5
3.	Estimated maximum number of campers resident during the summer season	28

(vi) SMOKE ABATEMENT.

No action was found necessary during the year.

(vii) SWIMMING BATHS AND POOLS.

(a) There are no public baths in the area.

(b) In Stewartby there is a privately owned swimming bath.

The River Ouse runs through the district and bathing takes place along the banks in many Parishes.

(viii) ERADICATION OF BED BUGS.

1.	No. of Council Houses infested	...	...	...	...	0
	No. of other houses infested	...	...	...	...	9
	No. of houses disinfested	...	...	...	...	9

2. Methods employed:

Skirting, picture rails, etc., loosened and sprayed with Zaldecide or rooms sealed and fumigated with Thermatox Fumigators. The above operations are repeated after several days.

3. Careful inspection of belongings of prospective tenants is made prior to occupation of new house.

4. Disinfestation carried out by Local Authority free.

5. Visits are made to ensure that the premises are being kept in a clean condition.

SECTION D.—HOUSING.

BUILDING AND PLANS REPORT.

Number of Plans approved during the year	...	...	...	241
Number of Dwellings	...	...	...	293
„ „ Conversions to Dwellings	...	...	...	8
„ „ Estate Development Lay-outs	...	...	...	11
„ „ Additions and Alterations	...	...	...	50
„ „ Garages	...	...	...	20
„ „ Re-drainage Schemes	...	...	...	16
„ „ Farm Buildings	...	...	...	28
„ „ Factory and Workshop Buildings	...	...	...	18
„ „ Stores and Sheds	...	...	...	20
„ „ School Buildings	...	...	...	3
„ „ Hospital Buildings	...	...	...	1
„ „ Offices	...	...	...	3
„ „ Shops	...	...	...	1
Number of Houses erected by Private Enterprise during the year				31
„ „ „ Local Authority	„	„		—
Number of Inspections in connection with foundations	...	...	...	120
„ „ „ „ „ „ D.P.C.'s	...	...	...	90
„ „ Intermediate Inspections	...	...	...	1591
„ „ Inspections of drains and testing	...	...	...	212
„ „ Final Inspections	...	...	...	55
„ „ Samples taken	...	...	...	4
„ „ Building Licences Issued for new houses	...	...	...	22
„ „ Houses concerned	...	...	...	35
„ „ Building Licences Issued for repair, maintenance, etc. of houses	...	...	...	464
„ „ Building Licences Issued for other work	...	...	...	118

Under the various Housing Acts, 496 Houses have been erected by this Council and the late Eaton Socon Rural District Council.

HOUSING CONDITIONS.

Bearing in mind the unsatisfactory state of housing conditions in Rural Districts throughout the country and following upon the publication of the Third Report of the Rural Housing Sub-Committee of the Central Housing Advisory Committee, instructions were issued in Ministry of Health Circular 64/44 requiring all Rural District Councils to make a comprehensive survey of all the dwellings within their areas.

The survey in this District commenced in June, 1945, and as a result 1,642 houses had been fully inspected and recorded by the end of this year. Of these 487 were inspected during the year under review and were classified as recommended in the Sub-Committee's Report as follows:—

<i>Category</i>	<i>Condition of Dwelling</i>	<i>No of Houses</i>
1	Satisfactory in all respects	66
2	Minor Defects	206
3	Requiring repair, structural alteration or improvement	178
4	Appropriate for reconditioning under the Housing (Rural Workers) Acts ...	24
5	Unfit for habitation and beyond repair at a reasonable expense	13
Total		487

Except in a few cases where certain repairs were essential no action has been possible owing to the prevailing shortage of building labour and materials.

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR.

- (1) (a) Total number of Dwelling Houses inspected for housing defects (under Public Health or Housing Acts) ... 1193
- (b) Number of inspections for the purpose 1779
- (2) (a) Number of Dwelling Houses (included under sub-head (1) above) which were inspected and recorded under the Housing consolidated Regulations, 1925, and Circular 64/44 Rural Housing 967
- (b) Number of inspections for the purpose 1022
- (3) Number of Dwelling Houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 13
- (4) Number of Dwelling Houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... 810

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.

(1)	Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers	25
-----	--	----

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR.

(a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:—

(1)	Number of dwelling houses in respect of which notices were served requiring repairs	5
-----	--	---

(2) Number of dwelling houses which were rendered fit after service of formal notice:

(a)	By Owners	4
-----	------------------	---

(b)	By Local Authority in default of Owners	0
-----	---	---

(b)	Proceedings under Public Health Acts	0
-----	---	---

(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936:—

(1)	Number of dwelling houses in respect of which Demolition Orders were made	0
-----	--	---

(2)	Number of dwelling houses demolished in pursuance of Demolition Orders	0
-----	---	---

(d)	Proceedings under Section 12 of the Housing Act, 1936 ...	0
-----	---	---

4. HOUSING ACT, 1935—OVERCROWDING.

Owing to war conditions and to the acute housing shortage temporary overcrowding exists in some houses.

5. GENERAL SCHEME FOR THE REPAIR OF HOUSES. (Circular 2871).

Number of Certificates of Essentiality issued	42
--	----

„ „ Houses concerned	64
-----------------------------	----

Estimated Total Cost	£9919
-----------------------------	-------

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.

(a) MILK SUPPLY.

<i>Parishes</i>	<i>Producers & Retailers</i>		<i>Producers</i>	<i>Retail Purveyors</i>		<i>Total</i>
Great Barford	4	...	2	...	7
Little Barford	1	...	1	...	2
Biddenham	2	...	2	...	4
Bletsoe	2	...	0	...	2
Bolnhurst and Keysoe ...	11	...	9	...	0	20
Bromham	3	...	4	...	8
Cardington	2	...	0	...	2
Carlton and Chellington..	7	...	4	...	0	11
Clapham	1	...	0	...	1
Colmworth	2	...	1	...	3
Cople	2	...	1	...	3
Dean and Shelton	6	...	0	...	6
Eastcotts	2	...	3	...	5
Eaton Socon	7	...	2	...	10
Elstow	2	...	6	...	8
Felmersham	7	...	2	...	9
Harrold	1	...	2	...	4
Kempston Rural	5	...	10	...	17
Knotting and Souldrop ..	3	...	5	...	0	8
Melchbourne and Yelden	3	...	3	...	0	6
Milton Ernest	1	...	2	...	5
Oakley	2	...	2	...	4
Odell	1	...	6	...	7
Pavenham	4	...	3	...	7
Pertenhall	6	...	2	...	8
Podington	6	...	4	...	10
Ravensden	4	...	5	...	9
Renhold	6	...	8	...	15
Riseley	5	...	1	...	6
Roxton	3	...	0	...	3
Sharnbrook	3	...	3	...	6
Stagsden	4	...	3	...	7
Little Staughton	...	3	...	4	...	7
Stevington	3	...	3	...	6
Stewartby	2	...	3	...	5
Swineshead	3	...	4	...	7
Thurleigh	5	...	5	...	10
Turvey	3	...	6	...	9
Wilden	3	...	6	...	9
Willington	0	...	0	...	1
Wilstead	6	...	11	...	17
Wootton	5	...	4	...	9
Wymington	2	...	3	...	5
		<u>153</u>		<u>145</u>		<u>308</u>

Number of Persons registered since 1900	...	...	...	738
„ „ „ now carrying on the trade	...	...	...	308
„ „ „ registered during the year	...	...	...	7
Licence to produce Tuberculin Tested Milk	...	...	...	21
„ „ „ Accredited Milk	...	...	...	28
„ „ „ sell Pasteurised Milk	...	...	...	1
Cowsheds and Dairies inspected	...	...	...	12
Estimated number of Dairy Cows	...	...	...	2670

(b) MEAT INSPECTION.

Conditions of Slaughter-houses	...	...	...	...	Good
Number of Slaughter-houses	...	...	...	...	18

Eighteen Slaughter-houses were licensed under the Food and Drugs Act, 1938, and of these, 16 have retail shops attached. There is also one separate retail shop in the Parish of Wilstead.

Since the 15th January, 1940, the slaughter of animals and distribution of meat has been under the direct control of the Ministry of Food. As a result, no regular slaughtering is done in the 18 Slaughter-houses within the District.

Inspection of all meat distributed in the District is carried out at the central Slaughter-houses in the Borough of Bedford.

The following foodstuffs have been condemned as unfit for human food:—

4 lbs. Meat in tins.	19 lbs. Suet.
30 „ Bacon.	112 „ Oatmeal.
28 „ Fish.	21 „ Cake.
9 tins Fish.	31 „ Biscuits.
12 „ Beans.	123 „ Tea
1 „ Fruit.	2 „ Sweets.
25 „ Vegetables.	28 „ Butter.
804 lbs. Vegetables.	126 tins Milk.
103 „ Fruit.	

The above were not destroyed but used for animal feeding stuffs.

OTHER FOODS.

Number of Bakehouses	...	...	...	...	...	24
Want of Limewashing	...	...	...	...	...	—

FACTORIES.

1. INSPECTION OF FACTORIES.

<i>Premises</i>	<i>Inspections</i>	<i>Number of Written Notices</i>	<i>Occupiers Prosecuted</i>
Factories with mechanical power ...	4	2	—
Factories without mechanical power ...	2	0	—
Other Premises under the Act (including works of building and engineering construction but not including out- workers premises)	0	—	—
	<u>6</u>	<u>2</u>	<u>—</u>

2. DEFECTS FOUND IN FACTORIES.

<i>Particulars</i>	<i>Defects found</i>	<i>Defects remedied</i>	<i>Referred to H.M. Inspector</i>
Want of cleanliness (S. 1)	1	1	—
Ineffective drainage of floors (S. 6) ...	—	—	—
Sanitary Conveniences (S. 7) insufficient	1	1	—
Other offences	1	1	—
	<u>3</u>	<u>3</u>	<u>—</u>

There is no outwork in unwholesome premises.



REPORT OF MEDICAL OFFICER—(continued).

THE SANITATION AND WATER SUPPLY OF ELEMENTARY SCHOOLS.

<i>School</i>	<i>Church of England or Council</i>	<i>Average Number of Pupils on Roll</i>	<i>Average Attendance</i>	<i>Type of Closet</i>	<i>Accommo- dation</i>			<i>Disposal Excreta</i>	<i>Water</i>
					<i>Boys</i>	<i>Girls</i>	<i>Infants</i>		
Biddenham ..	C.E.	10	9	W.C.	1	2	1	Sewer	Main supply
Bletsoe ...	C.E.	13	12	Pail	1	1	2	Removed 5 times weekly	Main supply outside
Bolnhurst ...	C.	14	12	Pail	1	1	0	Drying Sheds once weekly	Main supply
Bromham ...	C.E.	62	53	Pail	2	2		Removed once weekly	Main at Schoolhouse
Cardington ..	C.	23	21	Pail	2	2	1	Drying Sheds once weekly	Main supply
Carlton ...	C.E.	22	20	Pail	2	2	0	Removed weekly	Main supply
Clapham ...	C.E.	138	123	W.C.	3	4	0	Sewer	Main supply
Colmworth ..	C.E.	30	26	Pail	2	2	1	Removed twice weekly	Main supply
Cople ...	C.	40	37	W.C.	2	1	1	Cesspool	Main supply
Dean ...	C.	37	27	Pail	2	1	1	Twice weekly	Main supply
Eastcotts ...	C.	41	36	Pail	3	3		Removed twice weekly	Main supply
Eaton Socon.	C.	282	246	Pail	2	5	4	Removed twice weekly	Main supply
Elstow ...	C.	281	246	W.C.	3	7	2	Sewer	Main supply
Felmersham .	C.	30	26	Pail	1	1	1	Drying Shed weekly	Main supply
Gt. Barford .	C.	84	73	Pail	2	3	1	Drying Shed twice weekly	Main supply
Harrold (Senior)	C.	97	79	W.C.	4	8	0	Sewer	Main supply
Harrold (Junior)	C.	84	77	W.C.	3	3	2	Sewer	Main supply
Kempston (Rural)	C.	74	63	Pail	2	3	0	Removed 5 times weekly	Taps from main
L. Staughton	C.	14	12	Pail	2	1	1	Removed weekly	Main supply
Keysoe ...	C.	64	55	Pail	2	2	1	Twice weekly	Main supply
Milton Ernest	C.E.	35	31	Pail	2	3		Removed thrice weekly	Main supply
Oakley ...	C.	43	39	W.C.	1	1	1	Hand-flushed to cesspool	Main supply
Odell ...	C.E.	14	13	Pail	2	1	1	Removed weekly	Stand pipe from main supply

The Sanitation and Water Supply of Elementary Schools—*continued.*

School	Church of England or Council	Average Number of Pupils on Roll	Average Attendance	Type of Closet	Accommo- dation			Disposal Excreta	Water
					Boys	Girls	Infants		
Pavenham ...	C.	30	26	Pail	1	1	1	Removed weekly	Main supply
Pertenhall ...	C.E.	Closed		Pail	2	1	1	Buried once a week	Stand pipe from main supply
Podington ...	C.E.	30	26	Pail	2	2	1	Removed twice weekly	Main supply
Ravensden ..	C.E.	41	38	Pail	2	2	1	Removed twice a week	Main supply
Renhold ...	C.E.	37	31	Pail	2	2	0	Removed 2-3 times weekly	Main supply
Riseley ...	C.E.	92	77	Pail	2	2	2	Removed twice weekly	Main supply
Roxton ...	C.E.	46	42	Pail	1	1	1	Removed twice a week	Main supply
Sharnbrook ..	C.	113	100	Pail	2	2	1	Removed twice a week	Main supply
Souldrop ...	C.	18	16	Pail	2	2		Drying Shed Removed daily	Main supply
Stagsden ...	C.E.	41	39	Pail	4	4	0	Removed once weekly	Main supply
Stevington ...	C.	41	36	W.C.	2	3		Sewer	Main supply
Stewartby (Senior)	C.	250	236	W.C.	4	10	0	Sewer	Main supply
Stewartby (Junior)	C.	143	122	W.C.	3	6	2	Sewer	Main supply
Thurleigh ...	C.	31	28	Pail	3	3		Removed twice weekly	Main supply
Turvey ...	C.E.	31	27	Pail	2	4	4	Removed weekly	Main supply
Wilden ...	C.E.	37	31	Pail	1	1	2	Removed thrice weekly	Main supply
Willington ...	C.	35	30	W.C.	1	1	2	Cesspool	Main supply
Wilstead (Mixed)	C.E.	25	22	Pail	2	3	0	Removed twice weekly	Main supply
Wilstead (Infants)	C.E.	26	22	Pail	0	0	3	Removed weekly	Stand pipe from main supply
Wootton ... (Mixed)	C.	83	76	Pail	2	5	0	Drying Shed twice weekly	Main supply
Wootton (Infants)	C.	30	28	Pail	0	0	6	Drying Shed weekly	Main supply
Wymington	C.E.	44	39	W.C.	2	3	0	Sewer	Main supply
Yelden ...	C.	Closed		Pail	1	1	1	Once weekly	Stand pipe from main supply

SCHOOL CLOSURES.

It was not necessary to close any of the Schools during 1946.

SECTION F.

PREVALENCE OF AND CONTROL OVER
INFECTIOUS AND OTHER DISEASES.

Patients suffering from notifiable infectious diseases are treated at the Oakley Isolation Hospital, which is now administered by a Joint Hospital Board, comprised of members from the Bedford Borough Council, Bedford Rural District Council, and from the Kempston Urban District Council.

The accommodation is now 64 beds, allowing 2,000 square feet floor space for each bed and a cubical ward of eight beds.

OAKLEY ISOLATION HOSPITAL.

Patients in hospital on January 1st, 1946:

Scarlet Fever	...	...	...	...	...	...	...	3
Diphtheria	...	...	...	...	...	...	...	0
Dysentery ...	...	...	...	...	...	...	...	1
Other Cases	...	...	...	...	...	...	...	2

Admissions during the year:

Scarlet Fever	...	...	...	...	...	...	...	33
Diphtheria	...	...	...	...	...	...	...	2
Erysipelas	...	...	...	...	...	...	...	1
Other cases	...	...	...	...	...	...	...	22

Discharges:

Scarlet Fever	...	...	...	...	...	...	...	30
Diphtheria	...	...	...	...	...	...	...	2
Erysipelas	...	...	...	...	...	...	...	1
Other cases	...	...	...	...	...	...	...	24

Deaths:

Tuberculous Meningitis...	1
---------------------------	-----	-----	-----	-----	-----	-----	---

Patients in hospital on December 31st, 1946:

Scarlet Fever	...	...	...	...	...	...	...	6
Diphtheria	...	...	...	...	...	...	...	0

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS).

Age period	Scarlet Fever	Cerebro-Spinal Meningitis	Diphtheria	Pneumonia	Erysipelas	Puerperal Pyrexia	Whooping Cough	Measles	Para-Typhoid	Jaundice	Dysentery	Ophthalmia Neonatorum	Polio-Myelitis
Total cases notified ...	37	—	2	19	2	—	14	19	—	14	—	1	1
Cases admitted to Hospital ...	33	—	2	—	1	—	—	2	—	1	—	—	—
Total Deaths ...	—	—	—	3	—	—	—	—	—	—	—	—	—
Cases under 1 year ...	—	—	—	—	—	—	1	—	—	—	—	1	—
Deaths „ ...	—	—	—	1	—	—	—	—	—	—	—	—	—
Cases from 1-2 years...	—	—	—	—	—	—	—	2	—	—	—	—	—
Deaths „ ...	—	—	—	—	—	—	4	—	—	—	—	—	—
Cases from 2-3 years...	1	—	—	1	—	—	—	—	—	—	—	—	—
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 3-4 years...	—	—	—	—	—	—	2	3	—	1	—	—	—
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 4-5 years...	1	—	—	—	—	—	3	—	—	—	—	—	—
Deaths „ ...	—	—	—	1	—	—	—	—	—	—	—	—	—
Cases from 5-10 years	5	—	—	—	—	—	4	8	—	1	—	—	1
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 10-15 years	9	—	1	1	—	—	—	3	—	3	—	—	—
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 15-20 years	12	—	—	4	—	—	—	1	—	1	—	—	—
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 20-35 years	5	—	1	5	1	—	—	1	—	5	—	—	—
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 35-45 years	3	—	—	1	—	—	—	1	—	3	—	—	—
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 45-65 years	1	—	—	3	1	—	—	—	—	—	—	—	—
Deaths „ ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Cases from 65 and over	—	—	—	4	—	—	—	—	—	—	—	—	—
Deaths „ ...	—	—	—	1	—	—	—	—	—	—	—	—	—
	37	—	2	19	2	—	14	19	—	14	—	1	1

INFECTIOUS DISEASES (OTHER THAN TUBERCULOSIS).

Villages	Jaundice	Scarlet Fever	Cerebro Spinal Meningitis	Diphtheria	Pneumonia	Erysipelas	Puerperal Pyrexia	Whooping Cough	Measles	Typhoid	Ophthalmia Neonatorum	Dysentery	Polio-Myelitis
akley ...	—	—	—	—	—	—	—	—	—	—	—	—	—
lapham ...	—	1	—	—	1	—	—	—	—	—	—	—	—
aton Socon ...	4	2	—	—	1	—	—	3	1	—	—	—	—
romham ...	1	1	—	—	1	—	—	2	—	—	—	—	—
lstow ...	—	1	—	—	—	—	—	—	—	—	—	—	—
ortstown ...	—	1	—	—	—	—	—	—	—	—	—	—	—
empston Hardwick ...	—	—	—	—	—	1	—	—	—	—	—	—	—

INFECTIOUS DISEASES (OTHER THAN TUBERCULOSIS).—(contd.)

Villages			<i>Jaundice</i>	<i>Scarlet Fever</i>	<i>Cerebro Spinal Meningitis</i>	<i>Diphtheria</i>	<i>Pneumonia</i>	<i>Erysipelas</i>	<i>Puerperal Pyrexia</i>	<i>Whooping Cough</i>	<i>Measles</i>	<i>Typhoid</i>	<i>Ophthalmia Neonatorum</i>	<i>Dysentery</i>	<i>Polio-Myelitis</i>
Cardington ...	...	...	4	7	—	—	3	—	—	—	2	—	—	—	—
Colmworth ...	...	...	—	1	—	—	—	—	—	—	1	—	—	—	—
Wilstead ...	...	...	—	1	—	1	—	1	—	—	2	—	—	—	—
Thurleigh ...	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Renhold ...	...	...	—	—	—	—	—	—	—	—	3	—	—	—	—
Bletsoe ...	...	...	—	1	—	—	—	—	—	—	—	—	—	—	—
Felmersham ...	...	...	—	—	—	—	—	—	—	—	—	—	—	—	1
Harrold ...	...	...	—	—	—	—	4	—	—	—	—	—	—	—	—
Little Barford ...	...	...	—	1	—	—	—	—	—	—	—	—	—	—	—
Sharnbrook ...	...	...	—	2	—	—	—	—	—	—	—	—	—	—	—
Stagsden ...	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Wilden ...	...	...	—	—	—	1	—	—	—	—	—	—	—	—	—
Eastcotts ...	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Odell ...	...	...	—	1	—	—	1	—	—	—	—	—	—	—	—
Kempston ...	...	...	—	5	—	—	—	—	—	—	—	—	—	—	—
Willington ...	...	...	—	—	—	—	—	—	—	3	—	—	—	—	—
Pertenhall ...	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Bolnhurst ...	...	...	—	—	—	—	1	—	—	—	—	—	—	—	—
Podington ...	...	...	—	1	—	—	—	—	—	—	—	—	—	—	—
Pavenham ...	...	...	—	—	—	—	1	—	—	—	9	—	—	—	—
Yeldon ...	...	...	1	—	—	—	—	—	—	—	—	—	—	—	—
Keysoe ...	...	...	—	—	—	—	—	—	—	—	—	—	1	—	—
Wootton ...	...	...	—	2	—	—	1	—	—	—	—	—	—	—	—
Turvey ...	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Wymington ...	...	...	—	—	—	—	—	—	—	4	1	—	—	—	—
Melchbourne ...	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Riseley ...	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Gt. Barford ...	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Little Staughton ...	...	...	4	—	—	—	—	—	—	—	—	—	—	—	—
Milton Ernest ...	...	...	—	—	—	—	2	—	—	—	—	—	—	—	—
Carlton ...	...	...	—	4	—	—	1	—	—	—	—	—	—	—	—
Biddenham ...	...	...	—	1	—	—	—	—	—	—	—	—	—	—	—
Ravensden ...	...	...	—	1	—	—	—	—	—	—	—	—	—	—	—
Roxton ...	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Souldrop & Knotting ...	...	...	—	1	—	—	—	—	—	—	—	—	—	—	—
Wyboston ...	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Cople ...	...	...	—	1	—	—	—	—	—	—	—	—	—	—	—
Dean ...	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Shelton ...	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Stevington ...	...	...	—	—	—	—	—	—	—	2	—	—	—	—	—
Stewartby ...	...	...	—	1	—	—	1	—	—	—	—	—	—	—	—
Hinwick ...	...	...	—	—	—	—	1	—	—	—	—	—	—	—	—
TOTAL ...			14	37	—	2	19	2	—	14	19	—	1	—	1

SMALL POX.

I am glad to report that no cases were notified.

SCARLET FEVER.

There were thirty-seven as compared with thirty-eight cases notified in the previous year. All but four were removed to the Isolation Hospital. Eight of the cases were members of the Services, causing the rather high average incidence of 17 years. No deaths occurred.

DIPHTHERIA.

Two cases were notified and were removed to the Isolation Hospital. Their ages were 34 and 10. Neither had been immunised. Both recovered.

PNEUMONIA.

Nineteen cases were notified and three deaths were registered.

ERYSIPELAS.

Two cases were notified, one of which was admitted to the Isolation Hospital. Both recovered.

PUERPERAL PYREXIA.

No cases notified.

PARATYPHOID FEVER.

No cases notified.

CEREBRO-SPINAL MENINGITIS.

No cases notified.

WHOOPING COUGH.

Fourteen cases have been reported.

MEASLES.

It was an inter-epidemic year, only nineteen cases being notified.

OPHTHALMIA NEONATORUM.

One case was notified. There was complete recovery without impairment to sight.

JAUNDICE.

Fourteen cases were notified.

NON-NOTIFIABLE DISEASES.

There were no outbreaks of note.

TUBERCULOSIS.
New Cases and Mortality.

<i>Villages.</i>		<i>New Cases.</i>				<i>Deaths.</i>			
		<i>Pulmonary.</i>		<i>Non-Pulmonary.</i>		<i>Pulmonary.</i>		<i>Non-Pulmonary.</i>	
		<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>
Cardington ...	...	—	—	—	—	—	—	—	—
Eaton Socon	...	—	1	—	—	—	—	1	—
Clapham	...	1	1	—	1	—	—	—	1
Bromham	...	1	1	1	—	—	—	1	—
Sharnbrook	...	—	—	—	—	—	1	—	—
Milton Ernest	...	—	—	—	—	—	—	—	—
Cople	...	—	—	—	1	—	—	—	—
Bolnhurst	...	—	—	—	—	—	—	—	—
Dean	...	—	—	—	—	—	—	—	—
Kempston	...	—	—	—	—	—	—	—	—
Stagsden	...	—	—	—	—	1	1	—	—
Gt. Barford	...	1	—	—	—	1	—	—	—
Eastcotts	...	—	—	—	—	—	—	—	—
Keysoe	...	1	—	—	—	1	—	—	—
Wymington	...	—	—	2	1	—	—	—	—
Thurleigh	...	—	1	—	—	—	—	—	—
Wilstead	...	—	—	—	—	—	—	—	—
Renhold	...	1	—	—	—	—	—	—	—
Wyboston	...	2	1	—	—	—	—	—	—
Kempston Hardwick		1	—	1	—	—	—	1	—
Souldrop	...	—	—	—	—	—	—	—	1
Wootton	...	—	—	—	1	—	—	—	1
Oakley	...	—	1	—	—	—	1	—	1
Stewartby	...	—	1	—	—	—	—	—	—
Elstow	...	—	—	—	—	—	1	—	—
Willington	...	—	1	—	—	—	—	—	—
Total	...	8	8	4	4	3	4	3	4

TUBERCULOSIS.
New Cases and Mortality.

<i>Age Period.</i>			<i>New Cases.</i>				<i>Deaths.</i>			
			<i>Pulmonary.</i>		<i>Non-Pulmonary.</i>		<i>Pulmonary.</i>		<i>Non-Pulmonary.</i>	
			<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>
Under 1 year	...	...	—	—	—	—	—	—	—	—
1 year to 5 years	...	...	—	—	1	—	—	—	1	—
5 years to 10 years	...	...	—	—	1	1	—	—	—	—
10 „ 15 „	...	...	—	—	1	1	—	—	1	—
15 „ 20 „	...	...	1	2	—	—	—	1	—	—
20 „ 25 „	...	...	1	3	1	—	—	1	1	—
25 „ 35 „	...	...	—	2	—	—	—	1	—	1
35 „ 45 „	...	...	4	—	—	2	1	—	—	3
45 „ 55 „	...	...	1	1	—	—	1	1	—	—
55 „ 65 „	...	...	—	—	—	—	—	—	—	—
65 and over	...	...	1	—	—	—	1	—	—	—
			8	8	4	4	3	4	3	4

ARTIFICIAL IMMUNISATION AGAINST DIPHTHERIA.

A number of children have been immunised against Diphtheria during the year under review and during previous years.

I give details below:—

I. NUMBER OF CHILDREN WHO HAD COMPLETED A FULL COURSE OF IMMUNISATION AT ANY TIME TO DECEMBER 31ST, 1946:—

Age at 31.12.46 Born in years	Under 1 1946	1 1945	2 1944	3 1943	4 1942	5-9 1937-1941	10-14 1932-1936	Total under 15
Number Immunised	2	202	257	278	277	1764	1390	4170
Estimated mid-year Population 1946	2060					3700		

Owing to the fact that the degree of immunity becomes less with the lapse of time, the Ministry of Health has advised that “re-inforcement” or “booster” inoculations should be given after a period of four years to maintain the protection at a sufficiently high level. This means that a child first immunised at about the time of the first birthday should have a second inoculation at the age of five, on its entry into school.

The number of children who received a re-inoculation during the year was 583.

II. DIPHTHERIA NOTIFICATION AND DEATHS IN RELATION TO IMMUNISATION:—

Age at date of notification	Number of cases notified	Number of cases included in preceding column in which child had completed full course of Immunisation	Age at date of Death	Number of Deaths	Number of cases included in preceding column in which child had completed full course of Immunisation
Under 1 ...	—	—	Under 1 ...	—	—
1 ...	—	—	1 ...	—	—
2 ...	—	—	2 ...	—	—
3 ...	—	—	3 ...	—	—
4 ...	—	—	4 ...	—	—
5-9 ...	—	—	5-9 ...	—	—
10-14 ...	1	—	10-14 ...	—	—
Totals ...	1	—	Totals ...	—	—

SCABIES ORDER, 1941.

By arrangements with the Borough of Bedford, infected persons are treated at the Borough Treatment Centre, Commercial Road, Bedford, at the cost of 2s. per treatment.

Where possible, arrangements are made for the other members of the household to attend for treatment as contacts at the same time as the infected person or persons.

During the year under review 54 persons have received treatment.

CANCER.

There have been 37 deaths out of 304 from all causes, of these 19 were males and 18 females.

The various systems affected and the ages of each sex at death are as follows:—

Distribution of Males.

0	Cancer cases of	œsophagus and Buccal Cavity	
4	„	„	Stomach and Duodenum ... ages 79, 66, 58, 72
15	„	„	other sites ages 78, 57, 60, 56, 74, 72, 77, 62, 67 65, 76, 73, 40, 90, 61

Distribution of Females.

2	Cancer cases of	Uterus and Buccal cavity	... ages 68, 58
3	„	„	Stomach and Duodenum ... ages 78, 67, 73
5	„	„	Breast ages 61, 68, 75, 52, 64
8	„	„	other sites ... ages 68, 80, 71, 57, 82, 82, 74, 73

PREVENTION OF BLINDNESS.

No action was necessary under Section 176 of the Public Health Act, 1936.

PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS)

REGULATIONS 1925, AND SECTION 172 OF THE PUBLIC HEALTH ACT, 1936.

No necessity for any action under these regulations arose during the year under review.

